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NEW HAMPSHIRE AGRICULTURAL
EXPERIMENT STATION

OPERATING COSTS OF RETAIL GRAIN STORES IN NEW HAMPSHIRE

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INSPECTION OF COMMERCIAL FEEDING STUFFS

Made for the

STATE DEPARTMENT OF AGRICULTURE

The inspection of commercial feeding stuffs reported in this bulletin was made under the direction of Honorable Andrew L. Felker, Commissioner of Agriculture. Mr. E. D. Sanborn, State Inspector, collected samples of 283 brands of feeding stuffs which were offered for sale in the State during the year ending June, 1932.

THE LAW

The New Hampshire law, entitled an Act to Regulate the Sale of Concentrated Commercial Feeding Stuffs, requires every manufacturer or dealer who shall sell or offer for sale any concentrated commercial feeding stuff to furnish with each package a clearly printed statement certifying the net weight of the feed contained in the package, the brand name or trademark under which the feed is sold, the name and address of the manufacturer, the ingredients of which the feed is composed, and a chemical analysis stating the minimum percentage only of protein, fat and carbohydrates, and the maximum percentage only of crude fiber. The chief purposes of the law are to protect the consumer against the careless or dishonest manufacturer and to enable him to buy more economically the feeds best suited to his needs. It requires that full information be available to the purchaser both as to the guaranteed analysis of the feed and the materials of which it is composed. The dealer who offers for sale a feeding stuff which has not been registered or which is not guaranteed in compliance with the law does not merit the consumer's patronage. The consumer's co-operation in

refusing to buy any feed which does not conform to the law in every respect will not only help in the enforcement of the law but will at the same time afford himself its protection. The State official charged with the enforcement of the feeding stuffs law is the Commissioner of Agriculture.

CLASSIFICATION

In classifying the feeding stuffs here reported the class name under which they were offered to the consumer has been used. The classes are arranged alphabetically. Table I shows the number of brands in each class, the average price per 100 pounds, the average per cent of protein, the number of pounds of protein per $1.00, the number deficient by one-half per cent protein, the average per cent of fat, the number of pounds of fat per $1.00, and the number deficient by one-fourth per cent fat.

TABLE I

Class	Number in Class	Average price per 100 Pounds	Average per cent protein	Pounds of protein per $1.00	Number deficient ½ per cent protein	Average per cent fat	Pounds of fat per $1.00	Number deficient ¼ per cent fat
Calf Meal	3	4.20	26.39	6.3	0	4.60	1.1	0
36% Cottonseed Meal	3	1.57	37.80	24.1	0	6.82	4.2	0
41% Cottonseed Meal	7	1.45	41.22	28.4	0	6.77	4.7	0
43% Cottonseed Meal	1	1.50	42.47	28.3	1	6.85	4.6	0
Dairy Feed	106	1.61	21.65	13.4	3	4.41	2.7	15
Gluten Feed	2	2.05	26.77	13.1	0	3.11	1.5	0
Gluten Meal	1	1.75	41.03	23.4	0	1.10	0.6	0
Linseed Meal	6	2.13	37.95	17.8	0	6.29	3.0	0
Meat and Bone Scrap	12	2.21	50.83	23.0	0	10.55	4.8	1
Oat Products	4	1.10	8.59	7.8	0	3.08	2.8	0
Poultry Feed	84	2.20	19.73	9.0	0	5.11	2.3	4
Skim Milk	3	5.13	35.73	7.0	0	0.47	0.1	1
Stock Feed	16	1.46	10.73	7.3	0	4.95	3.4	0
Wheat Bran	21	1.27	16.43	12.9	0	4.44	3.5	1
Wheat Middlings	8	1.31	17.51	13.4	0	4.74	3.6	1
Wheat Mixed Feed	4	1.43	18.00	12.6	0	4.40	3.1	0
Wheat Red Dog Flour	1	1.35	17.08	12.7	0	3.29	2.4	0
Wheat Shorts	1	1.19	18.48	15.5	0	6.12	5.1	0
	283				4			23

NUMBER OF SAMPLES FAILING TO COMPLY WITH THE LAW

While only 157 of the 283 brands analyzed complied with the law in every respect, only one brand was deficient more than one per cent in the most valuable constituent, protein. This brand was a dairy feed and was deficient 1.96 per cent protein. The 126 brands which did not fully comply with the law violated it on 146 counts. Nine brands or 3.2 per cent were deficient in protein; only 4 of these or 1.4 per cent were deficient one-half per cent or more. Thirty-seven brands or 13.1 per cent were deficient in fat; 23 of these or 8.1 per cent were deficient one-fourth per cent or more. Eight brands contained an excessive amount of crude fiber. Forty-four brands were deficient in carbohydrates. Forty-eight brands were offered for sale without a carbohydrate guarantee. In the tabulation of the analytical data deficiencies of one-half per cent or more of protein and of one-fourth per cent or more of fat are shown in bold-faced type.

REQUESTS FOR THE ANALYSIS OF FEEDING STUFFS BY INDIVIDUALS

Under the Feeding Stuffs Law the Agricultural Experiment Station is charged only with the analysis of samples of feeding stuffs collected by the State Inspector under the direction of the Commissioner of Agriculture. It does, however, each year analyze a considerable number of samples drawn by individuals representing stock purchased by them for their own use. The object of the purchaser who asks to have the sample analyzed is usually to satisfy himself as to whether or not the feed meets its guarantee and if it does not, to obtain evidence upon which to base a claim for shortage.

The Station can assume no responsibility for the sampling of these unofficial samples but can only attest the accuracy of the results obtained on the sample as submitted. With certain feeding stuffs it is practically impossible to take a representative sample without the aid of a sampling tube and other equipment. Since a representative sample is as essential as an accurate analysis in judging the value of a shipment of feed it is evident that a satisfactory adjustment can seldom be effected on the basis of an unofficial sample.

Notwithstanding the objections which may be raised to the analysis of samples taken without proper sampling equipment, the Station is disposed to continue this work as long as there is evidence that it constitutes a useful service. The samples so submitted should be drawn from at least ten bags in a manner which will insure that the small lot sent for analysis is as accurately representative as possible of the larger lot from which it is taken. Because of the cost of labor and materials an analysis is not usually warranted on a sample drawn from less than a one ton lot of feed.

A one pound sample is sufficient for the analysis. It should be sent in a glass jar or tin box to prevent the loss of fine particles and a change in the moisture content. In order that the department may know whether or not the manufacturer and the dealer are complying with the requirements of the law the following information should be submitted concerning each sample.

Brand .....

Manufacturer .....

Address .....

Guarantee:

Protein .....

Fat .....

Carbohydrates .....

Moisture .....

Ash .....

Crude Fiber .....

Ingredients .....

.....

.....

Dealer .....

Address .....

Number of bags in lot .....

Number of bags sampled .....

Price per 100 pounds .....

Your name .....

Your address .....

Your reason for requesting analysis .....

.....

Brand and Manufacturer	Pounds in 100 lbs. of Feeding Stuffs						Certified by Manufacturer to Contain
	Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
CALF MEAL							
Wayne Calf Meal	G. 24.00	4.00	.....	.....	.....	7.00	Cottonseed meal, corn gluten meal, cocoanut meal, soybean meal, wheat middlings, wheat bran, wheat second clear flour, skim milk, bone meal, salt, molasses, limestone, iron oxide, potassium iodide.
Allied Mills, Inc. Chicago, Ill.	F. 24.47	4.24	54.57	8.02	8.70	6.72	
Blatchford's Calf Meal	G. 24.00	5.00	53.00	.....	.....	6.75	Locust bean meal, flaxseed meal, blood flour, rice polish, fish meal, linseed meal, dried milk albumen, barley meal, bone meal, wheat flour, cocoanut meal, cottonseed meal, foenugreek, anise, salt.
Blatchford Calf Meal Co. Waukegan, Ill.	F. 24.69	4.80	53.04	7.90	9.57	6.00	
Purina Calf Chow	G. 27.00	3.20	55.00	.....	.....	4.50	Blood flour, skim milk, linseed meal, corn meal, wheat flour, corn gluten meal, bone meal, salt, calcium carbonate.
Ralston Purina Co. Buffalo, N. Y.	F. 30.03	4.77	50.10	5.08	10.02	3.42	
36% COTTONSEED MEAL							
36% Cottonseed Meal	G. 36.00	5.00	24.00	.....	.....	12.00	
Cairo Meal & Cake Company Cairo, Ill.	F. 40.02	6.52	40.21	7.19	6.06	.....	
Danish Brand Cottonseed Feed	G. 36.00	5.00	25.00	.....	.....	15.00	
Humphreys-Godwin Company Memphis, Tenn.	F. 36.35	6.52	43.71	5.53	7.89	.....	
36% Prime Cottonseed Meal	G. 36.00	5.00	41.00	.....	.....	15.00	
Rach Milling Company Cairo, Ill.	F. 37.04	7.42	40.72	7.06	7.76	.....	

Brand and Manufacturer	Pounds in 100 lbs. of Feeding Stuffs						Certified by Manufacturer to Contain
	Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
41% COTTONSEED MEAL							
Empire High Grade Cottonseed Meal E. T. Allen Company Atlanta, Ga.	G. 41.00 F. 41.64	6.00 6.30	22.00 38.11	..... 6.39	..... 7.56	10.00	
Helmet Brand Prime Cottonseed Meal Ashcraft-Wilkinson Co. Atlanta, Ga.	G. 41.00 F. 41.59	5.50 5.84	26.00 40.07	..... 7.25	..... 5.25	10.00	
Miss Cairo Brand Cottonseed Meal.. Cairo Meal & Cake Co. .... Cairo, Ill.	G. 41.00 F. 41.21	6.00 6.25	26.00 37.68	..... 7.41	..... 7.45	10.00	
Dixie Brand Cottonseed Meal..... Humphreys-Godwin Co. Memphis, Tenn.	G. 41.00 F. 41.00	5.00 6.83	26.00 37.75	..... 7.26	..... 7.16	12.00	
Lovit Brand 41% Cottonseed Meal.. L. B. Lovitt & Co. Memphis, Tenn.	G. 41.00 F. 41.24	6.00 7.06	36.00 37.61	..... 7.23	..... 6.86	10.00	
White Mule Brand Cottonseed Meal Marianna Sales Co. Memphis, Tenn.	G. 41.00 F. 40.69	6.00 6.83	26.00 39.58	..... 7.03	..... 5.87	10.00	
41% Prime Cottonseed Meal ..... Itach Milling Co. Cairo, Ill.	G. 41.00 F. 41.20	5.00 8.28	40.00 36.56	..... 6.92	..... 7.04	14.00	

43% COTTONSEED MEAL							
Bull Brand 43% Cottonseed Meal....	G. 43.00	5.00	26.00	.....	.....	11.00	
Humphreys-Godwin Co.	F. **42.47**	6.85	35.79	7.55	7.34	.....	
Memphis, Tenn.							
DAIRY FEED							
Amco 24% Dairy Ration	G. 24.00	3.50	49.00	.....	.....	9.00	Corn gluten feed, corn gluten meal, cottonseed meal, linseed meal, wheat bran, corn meal, oats, malt grains, soybean meal, barley, molasses, bone meal, limestone, salt.
Allied Mills, Inc.	F. 23.82	**3.12**	56.67	6.98	9.11	5.67	
Chicago, Ill.							
Amco 20% Dairy Ration	G. 20.00	3.50	53.00	.....	.....	9.00	Corn gluten feed, corn gluten meal, cottonseed meal, linseed meal, wheat bran, corn meal, oats, malt grains, soybean meal, barley, wheat, molasses, bone meal, limestone, salt.
Allied Mills, Inc.	F. 20.62	3.26	59.37	7.08	9.67	5.95	
Chicago, Ill.							
Amco 12% Fitting Ration	G. 12.00	3.00	59.00	.....	.....	9.00	Linseed meal, wheat bran, corn meal, oats, barley, molasses, bone meal, limestone, salt.
Allied Mills, Inc.	F. 13.40	3.52	66.21	6.54	10.33	8.49	
Chicago, Ill.							
Amco 20% National Dairy Ration ..	G. 20.00	3.50	53.00	.....	.....	9.00	Corn gluten feed, cottonseed meal, linseed meal, wheat bran, corn meal, oats, corn distillers' grains, peanut oil meal, barley, wheat, molasses, bone meal, limestone, salt.
Allied Mills, Inc.	F. 22.61	4.14	55.98	7.61	9.66	7.96	
Chicago, Ill.							
Amco 16½% Sucrene Dairy Ration	G. 16.50	4.00	60.00	.....	.....	12.00	Malt grains, cottonseed meal, linseed meal, corn gluten feed, corn meal, wheat bran, grain screenings, molasses, limestone, salt.
Allied Mills, Inc.	F. 17.96	**3.68**	60.46	8.38	9.52	10.32	
Chicago, Ill.							
Amco 32% Supplement Dairy Ration	G. 32.00	4.00	44.00	.....	.....	9.00	Corn gluten feed, corn gluten meal, cottonseed meal, linseed meal, soybean meal, wheat bran, molasses, bone meal, limestone, salt.
Allied Mills, Inc.	F. 33.36	4.20	44.92	9.00	8.51	8.67	
Chicago, Ill.							

Brand and Manufacturer	Pounds in 100 lbs. of Feeding Stuffs						Certified by Manufacturer to Contain
	Protein	Fat	Carbo-hy-drates	Ash	Moist-ure	Crude Fiber	
Wayne Supreme Dairy Feed Allied Mills, Inc. Chicago, Ill.	G. 20.00 F. **18.04**	3.50 3.50	52.50 59.63	..... 8.59	..... 10.24	12.50 9.64	Soybean meal, cottonseed meal, wheat bran, grain screenings, molasses, bone meal, limestone, salt, iron oxide, potassium iodide.
Bailey's Fitting Ration E. W. Bailey & Co. Montpelier, Vt.	G. 14.00 F. 15.98	4.00 5.69	62.00 64.10	..... 5.48	..... 8.75	9.00 8.91	Corn meal, oats, bran, linseed meal, bone meal, salt.
Bailey's Sweetened 16% Dairy Ration E. W. Bailey & Co. Montpelier, Vt.	G. 16.00 F. 17.38	5.00 5.25	60.00 61.88	..... 4.97	..... 10.52	9.00 9.00	Corn gluten feed, linseed meal, hominy feed, cottonseed meal, oats, wheat bran, bone meal, calcium carbonate, salt, molasses.
Capital Dairy Ration Sweetened E. W. Bailey & Co. Montpelier, Vt.	G. 24.00 F. 25.63	5.00 **4.44**	55.00 52.65	..... 7.67	..... 9.61	9.00 6.94	Corn gluten feed, linseed meal, hominy feed, cottonseed meal, oats, wheat bran, corn meal, bone meal, calcium carbonate, salt, molasses.
Favorite Dairy Ration Sweetened E. W. Bailey & Co. Montpelier, Vt.	G. 20.00 F. 21.45	4.50 **3.91**	55.00 57.21	..... 7.20	..... 10.23	7.50 7.09	Hominy feed, cottonseed meal, linseed meal, corn meal, oats, wheat bran, corn gluten feed, wheat middlings, bone meal, calcium carbonate, salt, molasses.
Noyes' Dairy Feed E. W. Bailey & Co. Montpelier, Vt.	G. 22.00 F. 22.72	4.50 4.74	56.00 56.57	..... 5.07	..... 10.90	9.00 7.71	Cottonseed meal, linseed meal, hominy feed, oats, bran, gluten feed, salt, calcium carbonate, bone meal, molasses.
Barco 24% Dairy Ration G. N. Bartemus Co. Concord, N. H.	G. 24.00 F. 25.65	5.00 **3.81**	55.00 53.22	..... 7.52	..... 9.80	9.00 6.72	Corn gluten feed, linseed meal, hominy feed, cottonseed meal, oats, wheat bran, corn meal, bone meal, calcium carbonate, salt.

Barco 16% Dairy Ration G. N. Bartemus Co. Concord, N. H.	G. 16.00 F. 18.58	5.00 5.81	60.00 58.73	..... 7.10	..... 9.48	9.00 8.16	Corn gluten feed, linseed meal, hominy feed, cottonseed meal, oats, wheat bran, bone meal, calcium carbonate, salt.
Barco 20% Sweetened Dairy Ration G. N. Bartemus Co. Concord, N. H.	G. 20.00 F. 22.28	4.50 4.83	55.00 57.36	..... 5.52	..... 10.01	7.50 6.76	Hominy feed, cottonseed meal, linseed meal, corn meal, oats, wheat bran, gluten feed, wheat middlings, bone meal, calcium carbonate, salt.
Colby Bros'. Dairy Ration G. N. Bartemus Co. Concord, N. H.	G. 20.00 F. 22.57	4.00 5.14	55.50 57.37	..... 5.85	..... 9.07	10.50 9.88	Linseed meal, wheat bran, hominy, gluten meal, oats, cottonseed meal, brewers' grains, charcoal, salt, limestone, bone meal.
Concord 20% Sweetened Ration G. N. Bartemus Co. Concord, N. H.	G. 20.00 F. 20.48	3.00 3.17	45.00 57.53	..... 7.11	..... 11.68	9.00 6.25	Gluten feed, wheat bran, gluten meal, hominy, cottonseed meal, brewers' grains, linseed meal, molasses, bone meal, limestone, salt.
Dunbar's Dairy Ration G. N. Bartemus Co. Concord, N. H.	G. 22.00 F. 25.52	4.50 5.08	48.00 54.86	..... 5.45	..... 9.09	10.00 9.63	Wheat bran, linseed meal, cottonseed meal, brewers' grains, oats, hominy, gluten meal, bonemeal, charcoal, calcium carbonate, salt.
French's Dairy Ration G. N. Bartemus Co. Concord, N. H.	G. 20.20 F. 21.09	4.20 4.24	50.00 58.53	..... 5.18	..... 10.96	6.80 6.05	Linseed meal, wheat bran, wheat middlings, gluten feed, oats, limestone, bone meal, salt.
Auburn Dairy Feed Beacon Milling Co., Inc. Cayuga, N. Y.	G. 20.00 F. 20.22	4.00 4.18	45.00 56.30	..... 8.08	..... 11.22	10.00 8.08	Gluten feed, linseed meal, oats, corn meal, grain screenings, cottonseed meal, wheat bran, barley, brewers' grains, molasses, salt, calcium carbonate, calcium phosphate, soybean meal.
Beacon "20" Beacon Milling Co., Inc. Cayuga, N. Y.	G. 20.00 F. 20.11	4.50 4.71	50.00 58.44	..... 6.88	..... 9.80	9.00 8.05	Linseed meal, cottonseed meal, soybean meal, gluten feed, gluten meal, corn meal, wheat bran, alfalfa meal, distillers' grains, oats, barley, salt, calcium carbonate, calcium phosphate.

Brand and Manufacturer		Pounds in 100 lbs. of Feeding Stuffs						Certified by Manufacturer to Contain
		Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
Beacon Fitting Ration Beacon Milling Co., Inc. Cayuga, N. Y.	G. F.	15.00 15.81	4.00 4.76	58.00 62.04	..... 6.43	..... 10.96	8.00 7.19	Oats, barley, linseed meal, hominy feed, corn meal, wheat bran, wheat middlings, calcium carbonate, calcium phosphate, salt.
Beacon Sweet 24 Beacon Milling Co., Inc. Cayuga, N. Y.	G. F.	24.00 24.82	4.00 4.48	55.00 53.46	..... 7.46	..... 9.78	9.00 7.12	Distillers' grains, linseed meal, gluten meal, cottonseed meal, gluten feed, corn meal, brewers' grains, wheat bran, oats, barley, molasses, salt, calcium carbonate, soybean meal.
Belkco Dairy Feed Belknap County Farmers' Exchange Laconia, N. H.	G. F.	20.00 21.76	4.50 4.50	55.00 59.52	..... 5.28	..... 8.94	9.00 6.77	Wheat bran, wheat middlings, corn meal, oats, corn gluten feed, linseed meal, cottonseed meal, lime, bone meal, salt.
Bidwell 24% Dairy Ration Black Rock Milling Corp. Buffalo, N. Y.	G. F.	24.00 24.19	4.00 3.67	50.00 55.85	..... 6.75	..... 9.54	11.00 6.49	Wheat bran, linseed meal, barley, cottonseed meal, corn gluten feed, grain screenings, malt sprouts, corn gluten meal, molasses, calcium carbonate, salt.
Bidwell 20% Dairy Ration Black Rock Milling Corp. Buffalo, N. Y.	G. F.	20.00 22.85	4.00 4.42	50.00 55.18	..... 7.24	..... 10.31	11.00 9.20	Wheat bran, linseed meal, malt sprouts, gluten feed, gluten meal, barley, cottonseed meal, grain screenings, molasses, calcium carbonate, salt.
Cowco 1925 Ration E. A. Cowee Co. Fitchburg, Mass.	G. F.	24.00 24.06	4.50 4.55	45.00 55.99	..... 7.07	..... 8.33	10.00 8.33	Wheat bran, wheat middlings, corn meal, cottonseed meal, gluten feed, linseed meal, hominy, oats, brewers' grains, bone meal, salt, calcium carbonate, molasses.

Coweco 20% Ration E. A. Cowee Co. Fitchburg, Mass.	G. F.	20.00 21.89	4.00 4.51	45.00 57.37	..... 6.82	..... 9.61	10.00 8.44	Wheat bran, wheat middlings, gluten feed, corn meal, linseed meal, oats, cottonseed meal, brewers' grains, molasses, bone meal, calcium carbonate, salt.
Coweco Lo-Price 20% Dairy Ration E. A. Cowee Co. Fitchburg, Mass.	G. F.	20.00 23.86	3.50 4.86	..... 53.71	..... 8.66	..... 8.91	9.00 7.85	Wheat bran, wheat middlings, oats, cottonseed meal, gluten meal, linseed meal, barley, soybean meal, molasses, bone meal, calcium carbonate, salt, corn meal.
Sewell's Mixture E. A. Cowee Co. Fitchburg, Mass.	G. F.	25.00 28.28	5.00 5.22	..... 50.51	..... 7.19	..... 8.50	10.00 8.83	Linseed meal, hominy, soybean meal, corn meal, gluten feed, cottonseed meal, brewers' grains, alfalfa meal, barley, wheat bran, gluten meal, wheat middlings, bone meal, calcium carbonate, salt.
Crosby's 22% Dairy Feed Crosby Milling Co. Brattleboro, Vt.	G. F.	22.00 22.11	4.00 4.33	44.00 57.21	..... 8.37	..... 7.95	14.00 12.94	Cottonseed meal, linseed meal, corn gluten meal, corn gluten feed, oat middlings, oat shorts, oat hulls, wheat bran, wheat middlings, bone meal, salt.
Crosby's Ready Ration Crosby Milling Co. Brattleboro, Vt.	G. F.	20.00 22.64	5.00 5.12	59.00 57.07	..... 6.13	..... 9.01	8.50 8.50	Corn gluten feed, linseed meal, cottonseed meal, corn meal, wheat bran, wheat middlings, mill run screenings, oats, corn gluten meal, corn distillers' dried grains, brewers' dried grains, bone meal, salt.
Champion Dairy Ration G. B. Currier Co., Inc. Colebrook, N. H.	G. F.	23.00 25.65	5.00 5.05	50.00 53.80	..... 6.46	..... 9.01	11.00 7.86	Wheat bran, cottonseed meal, gluten feed, gluten meal, linseed meal, oats, corn meal, brewers' grains, distillers' grains, wheat middlings, salt, bone meal.
C. Dairy J. Cushing Co. Fitchburg, Mass.	G. F.	17.00 20.61	4.00 4.08	53.00 58.12	..... 7.26	..... 9.93	9.00 6.89	Corn meal, wheat bran, oats, gluten feed, gluten meal, linseed meal, cottonseed meal, soybean meal, calcium carbonate, salt.

Brand and Manufacturer	Pounds in 100 lbs. of Feeding Stuffs						Certified by Manufacturer to Contain
	Protein	Fat	Carbohydrates	Ash	Moisture	Crude Fiber	
Dairy Feed J. Cushing Co. Fitchburg, Mass.	G. 24.00 F. 25.92	4.00 4.72	53.00 52.45	..... 8.03	..... 8.88	11.00 7.90	Wheat bran, brewers' grains, oats, corn meal, copra meal, linseed meal, gluten feed, cottonseed meal, soybean meal, bone meal, molasses, limestone, salt.
Sweet 20 Dairy J. Cushing Co. Fitchburg, Mass.	G. 20.00 F. 21.93	3.00 4.22	45.00 59.34	..... 5.75	..... 8.76	15.00 10.92	Gluten meal, oat feed, wheat bran, hominy, corn meal, cottonseed meal, grain screenings, molasses, calcium carbonate, salt.
Delaware Sweet 24% Dairy Feed.... Delaware Mills, Inc Deposit, N. Y.	G. 24.00 F. 24.61	4.50 5.44	50.00 53.55	..... 6.85	..... 9.55	10.00 8.07	Molasses, corn gluten feed, corn gluten meal, linseed meal, cottonseed meal, soybean meal, copra meal, hominy feed, corn meal, wheat bran, wheat middlings, salts, calcium phosphate.
Delco Sweet 20% Dairy Feed Delaware Mills, Inc Deposit, N. Y.	G. 20.00 F. 20.79	4.50 5.18	50.00 57.05	..... 6.78	..... 10.20	10.00 9.03	Molasses, linseed meal, corn gluten feed, corn gluten meal, cottonseed meal, soybean meal, copra meal, peanut meal, wheat bran, wheat middlings, hominy feed, oats, barley, calcium phosphate, salt.
Indian Sweet 24% Dairy Feed Delaware Mills, Inc Deposit, N. Y.	G. 24.00 F. 23.82	4.00 5.05	50.00 54.18	..... 7.70	..... 9.25	11.00 10.85	Molasses, corn gluten feed, linseed meal, cottonseed meal, soybean meal, peanut meal, cocoanut meal, corn meal, wheat bran, wheat middlings, wheat screenings, salt, calcium phosphate.
D. & G. Dairy Feed Dietrich & Gambrill, Inc. Frederick, Md.	G. 20.00 F. 20.18	4.00 4.42	..... 57.67	..... 8.54	..... 9.19	12.00 11.10	Cottonseed meal, peanut oil cake, linseed meal, gluten feed, corn feed meal, wheat bran, grain screenings, oat middlings, oat hulls, oat shorts, molasses, bone meal, calcium carbonate, salt.

Frederick Dairy Feed	G.	24.00	4.00	.....	.....	.....	12.00	Cottonseed meal, peanut oil cake, gluten feed, dried brewers' grains, wheat bran, corn feed meal, grain screenings, oat middlings, oat shorts, oat hulls, molasses, bone meal, calcium carbonate, salt.
Dietrich & Gambrill, Inc. Frederick, Md.	F.	**23.26**	4.58	55.09	8.48	8.59	11.71	
Gambrill's Dairy Feed	G.	24.00	5.00	.....	.....	.....	9.00	Gluten feed, cottonseed meal, linseed meal, peanut oil cake, brewers' grains, wheat bran, corn feed meal, molasses, wheat middlings, oats, calcium carbonate, bone meal, salt.
Dietrich & Gambrill, Inc. Frederick, Md.	F.	26.05	5.06	51.16	8.02	9.71	7.42	
Gambrill's 16% Dairy Feed	G.	16.00	3.50	.....	.....	.....	12.00	Cottonseed meal, peanut oil cake, gluten feed, wheat bran, corn feed meal, wheat screenings, molasses, oat middlings, oat shorts, oat hulls, bone meal, calcium carbonate, salt.
Dietrich & Gambrill, Inc. Frederick, Md.	F.	17.33	4.92	60.96	8.49	8.30	10.86	
Pen-Mar Dairy Feed	G.	20.00	4.00	56.00	.....	.....	9.00	Gluten feed, cottonseed meal, linseed meal, peanut oil cake, brewers' grains, oats, corn feed meal, wheat bran, wheat middlings, molasses, calcium carbonate, bone meal, salt.
Dietrich & Gambrill, Inc. Frederick, Md.	F.	21.98	4.72	55.65	7.55	10.10	9.00	
Eastern States Fitting Ration	G.	12.00	3.50	60.00	.....	.....	7.00	Bran, oats, corn meal, hominy, molasses, linseed meal, soybean meal, dicalcium phosphate, salt.
Eastern States Farmers' Exchange Springfield, Mass.	F.	14.41	3.91	64.99	4.91	11.78	6.86	
Eastern States Fulpail Dairy Ration	G.	20.00	4.50	53.00	.....	.....	8.00	Wheat bran, hominy, oats, corn gluten feed, cottonseed meal, soybean meal, linseed meal, distillers' grains, molasses, salt, dicalcium phosphate.
Eastern States Farmers' Exchange Springfield, Mass.	F.	21.76	4.93	58.53	5.50	9.28	6.92	
Eastern States Highland 20	G.	20.00	4.00	54.00	.....	.....	12.00	Cottonseed meal, oat shorts, oat middlings, oat hulls, hominy, dried brewers' grains, molasses, wheat bran, soybean meal, corn gluten meal, dicalcium phosphate, salt.
Eastern States Farmers' Exchange Springfield, Mass.	F.	21.58	4.13	58.74	6.29	9.26	10.19	

Brand and Manufacturer	Pounds in 100 lbs. of Feeding Stuffs						Certified by Manufacturer to Contain
	Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
Economilk Dairy Feed 20%	G. 20.00	4.00	.....	.....	.....	11.00	Wheat bran, wheat middlings, barley, cottonseed meal, corn gluten feed, hominy feed, soybean meal, molasses, wheat screenings, calcium carbonate, salt.
Elmore Milling Co., Inc.	F. 21.49	**3.40**	57.01	7.92	10.18	6.46	
Oneonta, N. Y.							
Elmore Milk Grains	G. 25.00	5.00	45.00	.....	.....	11.00	Corn distillers' grains, wheat bran, linseed meal, hominy feed, malt sprouts, corn gluten feed, cottonseed meal, brewers' grains, calcium carbonate, salt.
Elmore Milling Co., Inc.	F. 27.32	**4.59**	52.94	6.11	9.04	9.24	
Oneonta, N. Y.							
Otsego Economy Ration	G. 20.00	4.00	50.00	.....	.....	11.00	Linseed meal, cottonseed meal, corn gluten feed, wheat bran, corn gluten meal, corn meal, molasses, calcium carbonate, salt, oats, copra oil meal.
Elmore Milling Co., Inc.	F. **19.01**	**3.75**	58.65	8.68	9.91	7.19	
Oneonta, N. Y.							
Eshelman 20% Dairy Feed	G. 20.00	4.00	53.00	.....	.....	9.00	Wheat bran, oats, corn meal, linseed meal, corn gluten feed, cottonseed meal, soybean meal, molasses, bone meal, calcium carbonate, salt.
John W. Eshelman & Sons.....	F. 21.89	4.13	56.86	7.66	9.46	8.36	
Lancaster, Pa.							
Eshelman Lancaster-20-Dairy Feed	G. 20.00	4.00	55.00	.....	.....	11.00	Wheat bran, corn gluten feed, wheat middlings, dried brewers' grains, molasses, cottonseed meal, soybean meal, corn feed meal, oats, cocoanut oil meal, linseed meal, bone meal, calcium carbonate, salt.
John W. Eshelman & Sons.....	F. 22.24	**3.75**	55.77	8.05	10.19	8.15	
Lancaster, Pa.							
Eshelman Pennsy-16-Dairy Feed...	G. 16.00	3.00	55.00	.....	.....	11.00	Corn, gluten feed, brewers' grains, cottonseed meal, soybean meal, molasses, cocoanut meal, linseed meal, wheat middlings, wheat bran, oat middlings, oat hulls, oat shorts, wheat screenings, wheat, bone meal, calcium carbonate, salt.
John W. Eshelman & Sons.....	F. 19.61	3.78	57.41	9.68	9.52	9.41	
Lancaster, Pa.							

Eshelman Red Rose 24 Dairy Feed..	G.	24.00	4.00	50.00	.....	.....	11.00	Wheat bran, wheat middlings, corn gluten feed, brewers' grains, cocoanut meal, cottonseed meal, linseed meal, soybean meal, molasses, corn feed meal, oats, bone meal, calcium carbonate, salt.
John W. Eshelman & Sons.....	F.	26.58	**2.95**	52.31	8.42	9.74	8.35	
Lancaster, Pa.								
Filion's Dairy Feed.....	G.	22.00	4.00	50.00	.....	.....	12.00	Corn meal, wheat middlings, wheat bran, cottonseed meal, gluten feed, linseed meal, oats, salt, calcite.
J. A. Filion	F.	22.94	4.59	55.32	7.46	9.69	7.78	
Newmarket, N. H.								
24% Sweet Dairy Feed.....	G.	24.00	4.00	50.00	.....	.....	12.00	Cottonseed meal, gluten meal, linseed meal, wheat bran, wheat middlings, barley, corn feed meal, hominy feed, grain screenings, oat middlings, oat hulls, oat shorts, molasses, bone meal, calcium carbonate, salt.
D. H. Grandin Milling Co.	F.	25.52	4.53	52.66	7.92	9.37	8.84	
Jamestown, N. Y.								
16% Sweet Dairy Feed	G.	16.00	4.00	50.00	.....	.....	12.00	Cottonseed meal, gluten feed, linseed meal, wheat bran, wheat middlings, barley, corn meal, corn feed meal, hominy feed, grain screenings, molasses, bone meal, calcium carbonate, salt.
D. H. Grandin Milling Co.	F.	19.30	4.38	57.78	8.10	10.44	9.96	
Jamestown, N. Y.								
Grandin's Milk Maker	G.	20.00	5.00	50.00	.....	.....	12.00	Linseed meal, cottonseed meal, cocoanut meal, gluten feed, wheat bran, wheat middlings, corn feed meal, hominy feed, beet pulp, bone meal, calcium carbonate, salt, screenings not exceeding mill run.
D. H. Grandin Milling Co.	F.	21.62	5.00	55.91	7.58	9.89	10.24	
Jamestown, N. Y.								
Grandin's Sweetened Dairy Feed....	G.	22.00	5.00	50.00	.....	.....	12.00	Linseed meal, cottonseed meal, cocoanut meal, corn gluten feed, wheat bran, wheat middlings, corn meal, corn feed meal, hominy feed, alfalfa meal, molasses, bone meal, calcium carbonate, salt, screenings not exceeding mill run.
D. H. Grandin Milling Co.	F.	23.25	5.06	54.54	7.43	9.72	10.56	
Jamestown, N. Y.								
Chase Ration	G.	17.00	4.00	60.00	.....	.....	8.00	Corn meal, wheat bran, gluten feed, oats, linseed meal, cottonseed meal, salt.
E. C. & W. L. Hopkins, Inc.	F.	19.09	4.26	60.65	5.64	10.36	6.79	
Greenfield, N. H.								

Brand and Manufacturer	Pounds in 100 lbs. of Feeding Stuffs						Certified by Manufacturer to Contain
	Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
Cheshire Co. Special 24% Dairy Feed E. C. & W. L. Hopkins, Inc. Greenfield, N. H.	G. 24.00 F. 26.71	4.00 4.12	48.00 52.01	..... 8.39	..... 8.77	12.00 8.02	Gluten feed, corn meal, linseed meal, wheat bran, cottonseed meal, malt grains, molasses, barley, calcium carbonate, salt.
Money Maker Sweetened Dairy Feed E. C. & W. L. Hopkins, Inc. Greenfield, N. H.	G. 20.00 F. 21.93	3.50 4.40	50.00 56.23	..... 7.91	..... 9.53	11.00 8.50	Corn meal, gluten feed, cottonseed meal, linseed meal, malt grains, wheat bran, molasses, calcium carbonate, salt.
20% Open Formula Dairy Feed E. C. & W. L. Hopkins, Inc. Greenfield, N. H.	G. 20.00 F. 23.12	4.00 4.70	54.00 55.08	..... 7.40	..... 9.70	8.00 6.92	Wheat bran, oats, gluten feed, cottonseed meal, linseed meal, hominy, barley, soybean meal, corn distillers' dried grains, molasses, bone meal, calcium carbonate, salt.
Beatsall Milk Grain Kasco Mills, Inc. Waverly, N. Y.	G. 22.00 F. 24.30	4.50 4.94	50.00 54.47	..... 7.21	..... 9.08	10.00 7.97	Wheat bran, wheat middlings, linseed meal, gluten feed, cottonseed meal, soybean meal, hominy feed, salt, calcium carbonate, beet pulp.
16% Dairy Feed Kasco Mills, Inc. Waverly, N. Y.	G. 16.00 F. 17.16	4.50 5.62	50.00 58.70	..... 8.19	..... 10.53	12.00 11.18	Wheat bran, oats, gluten feed, cottonmeal, oats, barley, grain screenings, corn meal, oat middlings, oat hulls, oat shorts, molasses, salt, calcium carbonate.
Kasco Mormilk Dairy Ration Kasco Mills, Inc. Waverly, N. Y.	G. 24.00 F. 25.39	4.50 4.88	50.00 51.83	..... 8.44	..... 9.46	10.00 8.68	Wheat bran, wheat middlings, linseed meal, corn gluten feed, cottonseed meal, soybean meal, hominy feed, oats, barley, salt, molasses, wheat bran, wheat middlings, screenings not exceeding mill run.

Kimball's Special Dairy Feed.....	G.	20.00	5.00	59.00	.....	.....	9.00	Gluten meal, gluten feed, corn meal,
Kimball Grain Elevator	F.	21.84	5.55	57.66	5.23	9.72	7.39	cottonseed meal, oats, wheat bran, lin-
Salem, N. H.								seed meal, salt, wheat middlings, hom-
								iny, brewers' grains, distillers' grains,
								bone meal.
Larro, The Ready Ration	G.	20.00	4.00	57.00	.....	.....	12.00	Corn meal, cottonseed meal, gluten
Larrowe Milling Co.	F.	20.66	3.88	60.21	5.85	9.40	9.91	feed, wheat middlings, wheat bran, lin-
Detroit, Mich.								seed meal, beet pulp, salt.
B-B Hi-Test Dairy Feed Sweetened	G.	20.00	4.50	.....	.....	.....	12.00	Brewers' dried grains, linseed meal,
Maritime Milling Co., Inc.	F.	20.97	4.11	55.62	8.82	10.18	9.39	cottonseed meal, corn gluten feed, soy-
Buffalo, N. Y.								bean meal, hominy feed, oats, corn
								meal, grain screenings, wheat bran,
								molasses, bone meal, calcium carbonate,
								salt.
B-B Marmico 16% Protein Dairy								
Feed	G.	16.00	4.00	.....	.....	.....	12.00	Dried brewers' grains, linseed meal,
Maritime Milling Co., Inc.	F.	17.34	4.04	61.14	7.11	10.07	11.64	cottonseed meal, corn gluten feed, corn
Buffalo, N. Y.								meal, grain screenings, wheat bran,
								oat hulls, oat shorts, oat middlings,
								molasses, bone meal, calcium carbonate,
								salt.
Bull Brand "24" Dairy Feed Sweet-	G.	24.00	4.00	.....	.....	.....	11.00	
ened	F.	24.00	4.35	54.08	8.01	9.56	9.76	Brewers' grains, linseed meal, cotton-
Maritime Milling Co., Inc.								seed meal, corn gluten feed, corn gluten
Buffalo, N. Y.								meal, hominy feed, corn meal, wheat
								bran, wheat middlings, molasses, bone
								meal, calcium carbonate, salt, screen-
								ings not exceeding mill run.
Merrimack Dairy Ration	G.	20.00	4.00	50.00	.....	.....	10.00	Gluten feed, linseed meal, cottonseed
Merrimack Farmers' Exchange....	F.	21.93	4.00	55.27	9.32	9.48	7.39	meal, corn meal, wheat bran, wheat
Concord, N. H.								middlings, oats, salt, calcium carbonate,
								bone meal.
Merrimack Sweetened Milk Ration..	G.	20.00	4.00	54.00	.....	.....	8.50	Gluten meal, gluten feed, linseed meal,
Merrimack Farmers' Exchange....	F.	21.58	4.01	57.09	7.35	9.97	7.04	cottonseed meal, brewers' grains, corn
Concord, N. H.								meal, hominy feed, oats, wheat bran,
								wheat middlings, molasses, bone meal,
								calcium carbonate, salt.

Brand and Manufacturer		Pounds in 100 lbs. of Feeding Stuffs						Certified by Manufacturer to Contain
		Protein	Fat	Carbo-hy-drates	Ash	Moist-ure	Crude Fiber	
Berlin Special 20% Dairy Ration...	G.	20.00	4.50	53.00	.....	.....	8.00	Wheat bran, corn meal, oats, corn gluten feed, cottonseed meal, soybean meal, linseed meal, corn distillers' grains, molasses, dicalcium phosphate, salt.
Park & Pollard Co.	F.	21.06	**4.16**	57.38	7.09	10.31	7.05	
Boston, Mass.								
Bet-R-Milk 20% Ration	G.	20.00	4.00	50.00	.....	.....	9.00	Corn gluten feed, linseed meal, cottonseed meal, malt sprouts, wheat bran, wheat middlings, mill run screenings, hominy feed, fish meal, molasses, calcium carbonate, salt.
Park & Pollard Co.	F.	22.20	4.11	55.58	7.22	10.86	8.04	
Boston, Mass.								
G. F. Clements & Son 24% Ration..	G.	24.00	4.50	49.00	.....	.....	8.00	Cottonseed meal, hominy, corn gluten feed, soybean meal, wheat bran, oats, linseed meal, distillers' dried grains, molasses, dicalcium phosphate, salt.
Park & Pollard Co.	F.	24.21	4.28	53.92	7.05	10.54	6.46	
Boston, Mass.								
G. F. Clements & Son 20% Ration..	G.	20.00	4.50	53.00	.....	.....	8.00	Wheat bran, hominy, oats, corn gluten feed, cottonseed meal, soybean meal, linseed meal, corn distillers' grains, molasses, dicalcium phosphate, salt.
Park & Pollard Co.	F.	21.01	**4.22**	58.37	6.89	9.51	7.16	
Boston, Mass.								
Fitting Ration	G.	12.00	3.50	55.00	.....	.....	7.00	Linseed meal, oats, corn meal, wheat bran, fish meal, calcium carbonate, salt, molasses.
Park & Pollard Co.	F.	14.76	3.93	63.20	6.29	11.82	6.45	
Boston, Mass.								
Herdhelth 16% Ration	G.	16.00	3.50	50.00	.....	.....	9.00	Corn gluten feed, hominy feed, oats, cottonseed meal, wheat bran, mill run screenings, wheat middlings, molasses, fish meal, calcium carbonate, salt.
Park & Pollard Co.	F.	19.04	3.76	59.15	7.67	10.38	8.26	
Boston, Mass.								
Milk-Maid Sweetened 24% Dairy Ration	G.	24.00	4.50	50.00	.....	.....	11.00	Gluten feed, linseed meal, cottonseed meal, distillers' grains, wheat bran, mill run screenings, brewers' grains, malt sprouts, gluten meal, copra meal, corn meal, fish meal, molasses, calcium carbonate, salt.
Park & Pollard Co.	F.	24.78	**3.94**	53.79	8.07	9.42	7.93	
Boston, Mass.								

Willey Special	G.	20.00	4.00	54.00	.....	.....	8.00	Brewers' grains, bran, oats, corn gluten feed, hominy, barley, cottonseed meal, linseed meal, gluten meal, corn distillers' grains, molasses, dicalcium phosphate, salt, bone meal.
Park & Pollard Co.	F.	22.02	4.15	57.05	7.13	9.35	7.09	
Boston, Mass.								
Protena 20% Dairy Feed	G.	20.00	3.00	56.00	.....	.....	14.00	Cottonseed meal, gluten feed, brewers' grains, wheat middlings, wheat bran, molasses, salt.
Purina Mills	F.	21.11	5.47	57.92	6.05	9.15	12.53	
Buffalo, N. Y.								
Protena 16% Dairy Feed	G.	16.00	3.00	59.00	.....	.....	14.00	Brewers' grains, grain screenings, wheat middlings, wheat bran, molasses, salt.
Purina Mills	F.	19.17	5.49	59.64	6.62	9.08	12.62	
Buffalo, N. Y.								
Purina 24% Cow Chow	G.	24.00	3.00	52.00	.....	.....	12.00	Linseed meal, soybean meal, gluten feed, cottonseed meal, wheat middlings, wheat bran, corn meal, alfalfa meal, molasses, salt.
Purina Mills	F.	25.35	4.59	52.62	7.13	10.31	9.38	
Buffalo, N. Y.								
Purina 20% Cow Chow	G.	20.00	3.00	57.00	.....	.....	12.00	Beet pulp, linseed meal, soybean meal, gluten feed, cottonseed meal, wheat middlings, wheat bran, corn meal, alfalfa meal, molasses, salt.
Purina Mills	F.	20.00	4.00	58.48	6.86	10.66	11.09	
Buffalo, N. Y.								
Purina Fitting Chow	G.	13.50	2.60	62.00	.....	.....	12.00	Linseed meal, soybean meal, wheat bran, molasses, corn, oats, alfalfa meal, salt.
Purina Mills	F.	16.07	3.72	63.04	6.14	10.73	8.63	
Buffalo, N. Y.								
Quaker 24% Protein Dairy Ration	G.	24.00	4.00	52.00	.....	.....	12.00	Hominy feed, cottonseed meal, corn gluten feed, linseed meal, wheat bran, wheat middlings, oat middlings, oat shorts, oat hulls, salt, limestone, molasses.
Quaker Oats Co.	F.	25.17	4.52	54.99	7.40	7.92	10.81	
Chicago, Ill.								
Quaker 20% Protein Dairy Ration	G.	20.00	3.25	57.00	.....	.....	12.00	Hominy feed, barley meal, cottonseed meal, corn gluten feed, linseed meal, wheat bran, wheat middlings, oat middlings, oat shorts, oat hulls, salt, limestone, molasses.
Quaker Oats Co.	F.	20.75	4.56	58.65	7.66	8.38	9.96	
Chicago, Ill.								
Quaker Molabulk Feed	G.	9.00	2.50	61.00	.....	.....	16.00	Wheat bran, cottonseed meal, alfalfa meal, wheat screenings, oat middlings, oat shorts, oat hulls, salt, molasses.
Quaker Oats Co.	F.	10.51	2.78	69.78	8.23	8.70	14.54	
Chicago, Ill.								

Brand and Manufacturer	Pounds in 100 lbs. of Feeding Stuffs						Certified by Manufacturer to Contain
	Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
Spaulding's Dairy Feed F. B. Spaulding Co. Lancaster, N. H.	G. 20.00 F. 21.76	4.00 4.29	50.00 56.79	..... 6.94	..... 10.22	10.00 6.88	Linseed meal, cottonseed meal, gluten feed, corn meal, rye feed, bran, middlings, salt, calcium carbonate, molasses, mill run screenings.
Hygrade 24 Milk Ration Sweetened St. Albans Grain Co. St. Albans, Vt.	G. 24.00 F. 24.91	4.00 4.26	50.00 52.85	..... 7.59	..... 10.39	9.00 8.04	Gluten meal, gluten feed, linseed meal, cottonseed meal, brewers' grains, corn meal, oats, barley, wheat bran, wheat middlings, bone meal, calcium carbonate, salt, molasses.
Hygrade 20 Milk Ration Sweetened St. Albans Grain Co. St. Albans, Vt.	G. 20.00 F. 20.31	4.00 5.05	54.00 57.00	..... 6.48	..... 11.16	8.50 7.99	Linseed meal, cottonseed meal, brewers' grains, gluten meal, gluten feed, corn meal, oats, barley, wheat bran, wheat middlings, molasses, bone meal, calcium carbonate, salt.
Hygrade Sweetened 16 Milk Ration St. Albans Grain Co. St. Albans, Vt.	G. 16.00 F. 17.03	3.50 4.61	58.00 60.98	..... 6.25	..... 11.13	8.50 8.50	Linseed meal, cottonseed meal, brewers' dried grains, corn gluten meal, corn gluten feed, corn meal, oats, barley, wheat bran, wheat middlings, molasses, bone meal, calcium carbonate, salt.
Paragon Sweetened Dairy Feed..... St. Albans Grain Co. St. Albans, Vt.	G. 20.00 F. 20.39	3.25 3.47	55.00 59.22	..... 7.63	..... 9.29	11.00 10.61	Cottonseed meal, linseed meal, corn gluten meal, corn gluten feed, corn meal, oats, barley, brewers' dried grains, oat middlings, oat shorts, oat hulls, wheat bran, wheat middlings, bone meal, calcium carbonate, molasses, salt.

Utility Dairy Ration St. Albans Grain Co. St. Albans, Vt.	G. F.	20.00 20.09	3.50 3.67	56.00 58.63	..... 7.08	..... 10.53	10.50 10.00	Linseed meal, gluten feed, cottonseed meal, corn meal, oats, barley, brewers' grains, oat middlings, oat shorts, oat hulls, wheat bran, wheat middlings, bone meal, calcium carbonate, molasses, salt.
Utility Pasture Ration St. Albans Grain Co. St. Albans, Vt.	G. F.	14.00 16.16	3.00 3.28	60.00 65.46	..... 6.25	..... 8.85	13.00 13.70	Gluten meal, gluten feed, cottonseed meal, corn meal, oats, barley, dried grains, oat middlings, oat hulls, oat shorts, wheat bran, wheat middlings, molasses, salt.
Wirthmore 14 Fitting Ration St. Albans Grain Co. St. Albans, Vt.	G. F.	14.00 16.73	4.00 3.80	65.00 62.84	..... 7.01	..... 10.12	7.00 7.00	Linseed meal, oats, barley, corn meal, wheat bran, wheat middlings, molasses, fish meal, bone meal, salt.
Wirthmore 25 Sweetened Balanced Ration St. Albans Grain Co. St. Albans, Vt.	G. F.	25.00 25.35	4.75 4.92	55.00 54.13	..... 5.93	..... 9.67	8.50 8.41	Gluten meal, distillers' grains, linseed meal, brewers' grains, oats, cottonseed meal, gluten feed, corn meal, wheat middlings, wheat bran, bone meal, molasses, salt.
Wirthmore 20 Sweetened Dairy Feed St. Albans Grain Co. St. Albans, Vt.	G. F.	20.00 21.67	4.75 4.99	59.00 56.90	..... 5.49	..... 10.95	8.00 6.99	Gluten meal, distillers' grains, linseed meal, brewers' grains, cottonseed meal, gluten feed, corn meal, oats, wheat middlings, wheat bran, bone meal, salt, molasses.
Spaulding's Special Dairy F. B. Spaulding Co. Lancaster, N. H.	G. F.	20.00 20.70	3.50 3.35	50.00 59.01	..... 7.42	..... 9.49	12.00 10.64	Wheat bran, corn meal, gluten feed, cottonseed meal, oat feed, molasses, linseed meal, rye feed, salt, calcium carbonate.
Strafford County Dairy Feed Strafford County Grain Mill Rochester, N. H.	G. F.	18.00 22.16	5.00 4.49	50.00 56.03	..... 8.86	..... 8.46	9.00 10.98	Wheat bran, corn meal, oats, linseed meal, gluten feed, cottonseed meal, salt, bone meal, molasses.

Brand and Manufacturer		Pounds in 100 lbs. of Feeding Stuffs						Certified by Manufacturer to Contain
		Protein	Fat	Carbo-hydrates	Ash	Moist-ure	Crude Fiber	
Stratton's White Clover 24 Dairy Feed Stratton & Co. Concord, N. H.	G. F.	24.00 24.42	3.75 3.68	50.00 55.28	..... 7.58	..... 8.83	10.00 9.41	Linseed meal, corn gluten feed, corn gluten meal, cottonseed meal, corn meal, barley, brewers' dried grains, oat middlings, oat shorts, oat hulls, wheat bran, wheat middlings, bone meal, calcium carbonate, molasses, salt.
Stratton's White Clover 20 Dairy Feed Stratton & Co. Concord, N. H.	G. F.	20.00 20.14	3.50 3.64	56.00 57.71	..... 9.29	..... 9.22	10.50 9.18	Linseed meal, gluten feed, cottonseed meal, corn meal, oats, barley, brewers' grains, oat middlings, oat shorts, oat hulls, wheat bran, wheat middlings, bone meal, calcium carbonate, molasses, salt.
Gold Medal Dairy Ration Washburn Crosby Co. Minneapolis, Minn.	G. F.	20.00 21.54	5.00 5.00	60.00 56.63	..... 8.27	..... 8.56	8.50 6.93	Wheat bran, wheat middlings, oats, corn meal, gluten feed, cottonseed meal, linseed meal, phosphated limestone, salt.
Blue Seal Improved Balanced Ration H. K. Webster Co. Lawrence, Mass.	G. F.	24.00 24.74	5.00 5.95	48.00 55.62	..... 4.92	..... 8.77	8.50 8.46	Cottonseed meal, hominy feed, malt sprouts, gluten meal, wheat bran, molasses, peanut middlings, linseed meal, oats, corn distillers' grains.
Lo-Cost Dairy Ration H. K. Webster Co. Lawrence, Mass.	G. F.	20.00 21.28	5.59 7.45	52.00 55.36	..... 7.59	..... 8.32	8.50 7.83	Cottonseed meal, hominy feed, malt sprouts, wheat bran, wheat middlings, molasses, peanut middlings, barley, calcium carbonate, salt, gluten meal.

GLUTEN FEED							
Bacon's Gluten Feed	G.	23.00	2.00	.....	.....	.....	8.00
E. R. Bacon Grain Co.	F.	27.49	3.93	60.17	3.96	4.15	.....
Boston, Mass.							
Union Corn Gluten Feed	G.	23.00	1.00	.....	.....	.....	8.00
Union Starch & Refining Co.	F.	26.05	2.29	57.10	5.71	8.85	.....
Columbus, Ind.							
GLUTEN MEAL							
Union Corn Gluten Meal	G.	40.00	1.00	.....	.....	.....	1.00
Union Starch & Refining Co.	F.	41.03	1.10	47.68	1.32	8.87	.....
Columbus, Ind.							
LINSEED MEAL							
Linseed Meal Pure Old Process	G.	34.00	5.00	45.00	.....	.....	9.00
Archer-Daniels Midland Co.	F.	37.74	5.50	42.41	5.44	8.91	.....
Minneapolis, Minn.							
Bisbee Brand Pure Old Process Linseed Meal	G.	34.00	6.00	.....	.....	.....	10.00
Bisbee Linseed Co.	F.	34.89	6.82	39.91	9.31	9.07	.....
Chicago Heights, Ill.							
Pure Old Process Linseed Oil Meal	G.	34.00	5.00	.....	.....	.....	9.00
Kelloggs & Miller, Inc.	F.	34.94	6.21	42.21	6.94	9.70	.....
Amsterdam, N. Y.							
Pure Old Process Linseed Meal	G.	34.00	6.00	35.00	.....	.....	10.00
Mann Bros. Co.	F.	38.44	6.55	39.41	5.01	10.59	.....
Buffalo, N. Y.							
Screwpress Linseed Oil Cake Meal	G.	35.00	6.50	37.00	.....	.....	8.00
Sherwin-Williams Co. of Canada	F.	42.16	7.65	39.61	5.14	5.44	.....
Montreal, Canada							
Kellogg's 37% Protein Pure Old Process Linseed Meal	G.	37.00	5.00	45.00	.....	.....	10.00
Spencer Kellogg & Sons, Inc.	F.	39.53	5.03	40.74	5.41	9.26	.....
Buffalo, N. Y.							

Brand and Manufacturer	Pounds in 100 lbs. of Feeding Stuffs						Certified by Manufacturer to Contain
	Protein	Fat	Carbo-hy-drates	Ash	Moist-ure	Crude Fiber	
MEAT AND BONE SCRAP							
Burlington Meat and Bone Scrap...	G. 45.00	8.00	.....	.....	.....	.....	
Burlington Rendering Co.	F. 45.09	11.37	.....	33.14	6.47	.....	
Burlington, Vt.							
Dow's 55% Beef Scrap	G. 55.00	8.00	.....	.....	.....	.....	
J. C. Dow Co., Inc.	F. 54.55	8.69	.....	25.53	7.16	.....	
Boston, Mass.							
Peerless Poultry Feed	G. 50.00	8.00	.....	.....	.....	.....	
Lowell Rendering Co.	F. 52.76	7.47	.....	30.71	7.42	.....	
Lowell, Mass.							
Perfection Poultry Feed	G. 55.00	8.00	.....	.....	.....	.....	
Lowell Rendering Co.	F. 57.44	9.64	.....	25.68	8.83	.....	
Lowell, Mass.							
Manchester Poultry Feed	G. 45.00	8.00	.....	.....	.....	.....	
Manchester Rendering Co.	F. 51.49	11.38	.....	27.54	7.26	.....	
Manchester, N. H.							
Marsh's Gem Brand Scraps	G. 45.00	10.00	.....	.....	.....	.....	
Geo. E. Marsh Co.	F. 47.42	11.11	.....	30.41	6.33	.....	
Lynn, Mass.							
Morse's Meat Scraps	G. 45.00	8.00	.....	.....	.....	.....	
Jas. F. Morse & Co.	F. 47.50	10.53	.....	30.51	6.89	.....	
Somerville, Mass.							
Morse's Meat Scraps	G. 50.00	8.00	.....	.....	.....	.....	
Jas. F. Morse & Co.	F. 52.49	12.70	.....	26.09	5.00	.....	
Somerville, Mass.							

Brighton Bull Meat Scraps	G.	45.00	8.00	.....	.....	.....	1.00	
New England Rendering Co.	F.	49.74	14.76	.....	27.12	4.48	.....	
Brighton, Mass.								
Meat Scraps	G.	45.00	5.00	.....	.....	.....	3.00	
Theobald Animal Products Refinery	F.	50.35	11.11	.....	27.28	6.27	.....	
Kearny, N. J.								
Meat and Bone Scrap	G.	45.00	6.00	.....	.....	.....	.....	
John Reardon & Sons Co.	F.	45.57	9.84	.....	35.11	5.40	.....	
Cambridge, Mass.								
Meat Scrap	G.	55.00	6.00	.....	.....	.....	.....	
John Reardon & Sons Co.	F.	55.60	7.75	.....	29.03	5.07	.....	
Cambridge, Mass.								
OAT PRODUCTS								
Reground Oat Feed and Molasses	G.	4.50	1.50	.....	.....	.....	23.00	Oat middlings, oat shorts, oat hulls, molasses.
Dietrich & Gambrill, Inc.	F.	8.80	2.50	73.56	6.68	8.46	17.72	
Frederick, Md.								
Alpine Ground Feeding Oat Meal	G.	14.00	5.00	.....	.....	.....	3.90	
J. A. Forrest	F.	17.31	6.88	63.39	2.15	9.97	4.11	
Minneapolis, Minn.								
Reground Oat Feed	G.	3.50	1.25	.....	.....	.....	35.00	Oat hulls, oat shorts.
Northern Illinois Cereal Co.	F.	3.24	1.19	81.43	7.10	7.04	30.89	
Lockport, Ill.								
Sugared Vim Feed	G.	5.00	1.25	78.50	.....	.....	26.00	Oat middlings, oat shorts, oat hulls, molasses.
Quaker Oats Co.	F.	5.00	1.75	79.47	6.27	7.51	24.82	
Chicago, Ill.								
POULTRY FEED								
Wayne All Mash Chick Starter	G.	17.00	4.00	56.00	.....	.....	6.00	Buttermilk, skim milk, meat scraps, fish meal, wheat middlings, corn meal, oat meal, alfalfa meal, soybean meal, wheat bran, limestone, bone meal, iron oxide, potassium iodide, salt, cod liver oil.
Allied Mills, Inc.	F.	18.17	4.52	59.18	8.21	9.92	4.41	
Chicago, Ill.								

Brand and Manufacturer		Pounds in 100 lbs. of Feeding Stuffs						Certified by Manufacturer to Contain
		Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
Wayne Egg Mash	G.	18.00	3.50	52.00	.....	.....	7.00	Buttermilk, skim milk, meat scraps, fish meal, wheat middlings, corn meal, oat meal, corn gluten feed, linseed meal, alfalfa meal, soybean meal, limestone, bone meal, iron oxide, potassium iodide.
Allied Mills, Inc. Chicago, Ill.	F.	18.15	4.94	59.25	8.18	9.48	4.94	
Sucrene Egg Mash	G.	18.00	3.50	53.00	.....	.....	8.00	Meat scraps, wheat middlings, corn meal, soybean meal, alfalfa meal, oats, wheat bran, limestone, bone meal, iron oxide, potassium iodide.
Allied Mills, Inc. Chicago, Ill.	F.	20.97	4.44	55.31	9.56	9.72	5.65	
Pennant Brand Laying Mash	G.	20.00	5.00	50.00	.....	.....	6.00	Hominy, wheat middlings, gluten feed, oats, wheat bran, beef scraps, skim milk, alfalfa meal, salt.
E. W. Bailey & Co. Montpelier, Vt.	F.	22.33	4.88	53.58	8.88	10.33	4.99	
Barco Special Mash Feed	G.	20.00	5.00	50.00	.....	.....	6.00	Hominy, gluten feed, wheat middlings, oats, wheat bran, beef scraps, skim milk, alfalfa leaf meal, salt.
G. N. Bartemus Co. Concord, N. H.	F.	24.47	5.20	51.66	9.20	9.17	5.33	
Dunbar's Special Mash Feed	G.	20.00	5.00	50.00	.....	.....	6.00	Hominy, gluten feed, wheat middlings, oats, wheat bran, beef scraps, skim milk, alfalfa leaf meal.
G. N. Bartemus Co. Concord, N. H.	F.	23.21	4.83	54.60	8.27	9.09	5.51	
Beacon Breeders' Mash	G.	19.00	4.00	47.00	.....	.....	7.00	Skim milk, buttermilk, meat scraps, fish meal, alfalfa leaf meal, oats, barley, gluten meal, wheat bran, wheat middlings, soybean meal, linseed meal, cod liver oil, charcoal, fine salt, calcium carbonate, calcium phosphate, protozyme, corn meal.
Beacon Milling Co., Inc. Cayuga, N. Y.	F.	19.52	4.62	55.21	11.36	9.29	7.22	

Beacon Broiler Feed	G. 15.00	4.00	52.00	.....	.....	6.00	
Beacon Milling Co., Inc.	F. 17.64	5.18	57.33	8.87	10.98	4.48	Skim milk, meat scraps, fish meal, corn, oats, barley, wheat bran, linseed meal, wheat red dog, alfalfa leaf meal, cod liver oil, salt, calcium carbonate, calcium phosphate, protozyme.
Cayuga, N. Y.							
Beacon's Cayuga Growing Mash	G. 16.00	4.00	50.00	.....	.....	7.00	
Beacon Milling Co., Inc.	F. 17.12	4.77	58.54	9.36	10.21	5.70	Skim milk, meat scraps, linseed meal, oats, corn meal, barley, wheat bran, wheat middlings, alfalfa meal, calcium carbonate, calcium phosphate, salt.
Cayuga, N. Y.							
Beacon's Cayuga Laying Mash	G. 20.00	4.00	54.00	.....	.....	7.00	
Beacon Milling Co., Inc.	F. 20.22	4.67	54.03	11.19	9.89	5.96	Buttermilk, skim milk, fish meal, meat scraps, corn meal, alfalfa leaf meal, wheat bran, wheat middlings, soybean meal, barley, gluten meal, oats, calcium carbonate, calcium phosphate, salt.
Cayuga, N. Y.							
Beacon Complete Starting Ration	G. 16.50	4.00	50.00	.....	.....	6.00	
Beacon Milling Co., Inc.	F. 17.94	4.42	58.20	8.73	10.71	3.77	Skim milk, meat scraps, fish meal, corn, oats, barley, wheat bran, linseed meal, wheat red dog flour, alfalfa leaf meal, cod liver oil, calcium carbonate, calcium phosphate, salt, protozyme.
Cayuga, N. Y.							
Beacon Egg Mash	G. 21.00	4.50	51.00	.....	.....	7.00	
Beacon Milling Co., Inc.	F. 21.75	5.13	51.73	11.76	9.63	5.50	Buttermilk, skim milk, meat scraps, fish meal, gluten meal, soybean meal, linseed meal, barley, oats, corn meal, alfalfa leaf meal, wheat bran, wheat middlings, calcium carbonate, calcium phosphate, salt, protozyme, cod liver oil.
Cayuga, N. Y.							
Beacon Fleshing Mash and Crate Fattener	G. 15.00	4.50	55.00	.....	.....	5.00	
Beacon Milling Co., Inc.	F. 16.07	**4.18**	63.90	5.68	10.17	4.39	Skim milk, oats, barley, wheat flour, corn meal, corn oil meal, linseed meal, salt, protozyme, calcium carbonate, calcium phosphate.
Cayuga, N. Y.							
Beacon Growing Mash	G. 17.00	4.00	50.00	.....	.....	7.00	
Beacon Milling Co., Inc.	F. 17.55	4.18	57.55	11.36	9.36	4.92	Skim milk, meat scraps, fish meal, linseed meal, oats, barley, corn meal, wheat red dog, alfalfa leaf meal, wheat bran, wheat middlings, calcium carbonate, calcium phosphate, salt, protozyme.
Cayuga, N. Y.							

Brand and Manufacturer		Pounds in 100 lbs. of Feeding Stuffs						Certified by Manufacturer to Contain
		Protein	Fat	Carbo-hy-drates	Ash	Moist-ure	Crude Fiber	
Belknap Everlaying Mash	G.	17.00	4.00	45.00	.....	.....	8.00	Corn meal, wheat bran, wheat middlings, meat scraps, oat groats, gluten feed, skim milk, fish meal, alfalfa leaf meal, salt, cod liver oil.
Belknap Co. Farmers' Exchange	F.	19.74	5.32	55.31	9.57	10.06	3.99	
Laconia, N. H.								
Bidwell Dry-Mash	G.	18.00	3.00	50.00	.....	.....	8.00	Buttermilk, alfalfa meal, corn meal, wheat bran, wheat middlings, mill run screenings, fish meal, meat, bone, linseed meal, gluten meal, soybean meal, calcium carbonate, salt, barley, kaffir corn, buckwheat.
Black Rock Milling Corp.	F.	19.87	4.28	56.58	8.19	11.08	4.71	
Buffalo, N. Y.								
Corson No. 1 Laying Mash	G.	17.00	5.00	57.00	.....	.....	7.00	Wheat bran, wheat middlings, corn meal, oat meal, barley, meat scraps, fish scraps, alfalfa leaf meal, skim milk, salt.
Freeman Corson	F.	18.43	5.04	57.18	9.21	10.14	4.89	
Rochester, N. H.								
Coweeo Growing Mash	G.	14.00	4.50	45.00	.....	.....	6.00	Wheat bran, wheat middlings, corn, oats, barley, hominy, meat scraps, fish meal, linseed meal, locust bean meal, salt, calcium carbonate.
E. A. Cowee Co.	F.	17.69	5.45	57.81	9.86	9.19	3.84	
Fitchburg, Mass.								
Coweeo Laying Mash	G.	20.00	4.00	45.00	.....	.....	7.50	Wheat bran, wheat middlings, oat meal, gluten feed, linseed meal, meat scraps, fish scraps, corn meal, buttermilk, alfalfa meal, bone meal, calcium carbonate, salt.
E. A. Cowee Co.	F.	21.53	5.01	50.92	12.75	9.79	4.67	
Fitchburg, Mass.								
Crosby's Egg Mash	G.	20.00	4.00	50.00	.....	.....	7.00	Buttermilk, skim milk, fish meal, meat scraps, corn gluten feed, linseed meal, alfalfa leaf meal, corn, oats, barley, buckwheat, wheat bran, wheat middlings, mill run screenings, calcium carbonate, salt.
Crosby Milling Co.	F.	21.73	4.59	53.42	10.04	10.22	5.01	
Brattleboro, Vt.								

C. Laying Mash J. Cushing Co. Fitchburg, Mass.	G. F.	15.00 20.27	4.00 5.86	55.00 52.11	..... 12.35	..... 9.11	8.50 7.63	Corn meal, wheat bran, wheat middlings, oats, meat scraps, bone meal, alfalfa meal, salt.
Growing Mash J. Cushing Co. Fitchburg, Mass.	G. F.	16.00 17.44	4.00 4.92	45.00 58.73	..... 9.22	..... 9.69	7.00 6.31	Wheat middlings, wheat bran, corn feed meal, oats, alfalfa meal, gluten feed, linseed meal, meat scraps, fish meal, buttermilk, skim milk, limestone, bone meal, salt.
Laying Mash J. Cushing Co. Fitchburg, Mass.	G. F.	20.00 21.14	5.00 5.41	15.00 52.47	..... 11.50	..... 9.48	7.00 6.50	Wheat middlings, wheat bran, corn feed meal, oats, alfalfa meal, gluten feed, linseed meal, meat scraps, fish meal, buttermilk, skim milk, limestone, bone meal, salt.
Delaware Laying Mash Delaware Mills, Inc. Deposit, N. Y.	G. F.	29.00 21.81	5.00 6.32	50.00 51.79	..... 9.66	..... 10.42	6.00 4.73	Skim milk, meat scraps, bone meal, fish meal, linseed meal, corn gluten feed, corn feed meal, wheat bran, wheat middlings, wheat red dog flour, oat meal, barley, alfalfa leaf meal, calcium carbonate, salt.
Indian Laying Mash Delaware Mills, Inc. Deposit, N. Y.	G. F.	18.00 19.96	5.00 6.47	50.00 54.24	..... 8.76	..... 10.57	7.00 5.04	Skim milk, meat scraps, fish meal, bone meal, linseed meal, corn gluten feed, alfalfa meal, wheat bran, wheat middlings, corn feed meal, barley, oats, cottonseed meal, calcium phosphate, salt.
All-Mash Starter and Grower Dietrich & Gambrill, Inc. Frederick, Md.	G. F.	14.00 15.54	4.00 6.12	..... 62.07	..... 5.81	..... 10.46	4.00 3.28	Corn meal, oat meal, wheat middlings, alfalfa leaf meal, malt, peanut oil cake, fish meal, buttermilk, cod liver oil, bone meal, calcium carbonate, salt.
Frederick Laying Mash Dietrich & Gambrill, Inc. Frederick, Md.	G. F.	18.00 19.83	3.50 6.17	..... 56.07	..... 8.58	..... 9.35	8.00 5.99	Wheat bran, wheat middlings, corn feed meal, oats, gluten meal, meat scraps, fish meal, alfalfa leaf meal, cottonseed meal, bone meal, calcium carbonate, salt, buttermilk, cod liver oil.

Brand and Manufacturer	Pounds in 100 lbs. of Feeding Stuffs						Certified by Manufacturer to Contain
	Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
Gambrill's Fattening Mash Dietrich & Gambrill, Inc. Frederick, Md.	G. 14.00 F. 17.03	4.80 5.27	..... 61.59	..... 5.46	..... 10.65	5.00 3.41	Red dog flour, corn meal, oat meal, linseed meal, meat scraps, bone meal, wheat bran, wheat middlings, malt, salt.
Gambrill's Growing Mash Dietrich & Gambrill, Inc. Frederick, Md.	G. 18.00 F. 18.34	4.00 5.64	..... 57.20	..... 8.06	..... 10.76	7.00 4.24	Wheat bran, wheat middlings, corn feed meal, peanut oil cake, malt, oat meal, gluten meal, meat scraps, fish meal, buttermilk, cod liver oil, alfalfa leaf meal, bone meal, calcium carbonate, salt.
Gambrill's Laying Mash Dietrich & Gambrill, Inc. Frederick, Md.	G. 20.00 F. 21.62	5.00 5.25	..... 53.12	..... 10.01	..... 10.00	7.00 5.59	Wheat bran, wheat middlings, corn feed meal, linseed meal, oats, alfalfa leaf meal, gluten meal, malt, meat scraps, fish meal, buttermilk, bone meal, calcium carbonate, salt.
Eastern States Developer Mash Eastern States Farmers' Exchange, Springfield, Mass.	G. 18.50 F. 18.69	4.00 5.05	53.00 59.21	..... 7.28	..... 9.77	6.00 6.00	Corn meal, wheat bran, wheat flour middlings, barley, oats, skim milk, soybean meal, alfalfa leaf meal, meat scraps, fish meal, dicalcium phosphate, calcium carbonate, cod liver oil, salt.
Eastern States Egg Mash Eastern States Farmers' Exchange, Springfield, Mass.	G. 16.50 F. 18.91	4.00 5.07	54.00 58.19	..... 8.31	..... 9.52	6.50 5.34	Corn meal, wheat bran, wheat flour middlings, oats, meat scraps, fish meal, alfalfa leaf meal, dicalcium phosphate, calcium carbonate, salt.

Eastern States Milk Egg Mash.....	G. 16.50	4.00	55.00	.....	.....	6.50	Corn meal, wheat bran, wheat flour middlings, oats, meat scraps, fish meal, alfalfa leaf meal, skim milk, cod liver oil, dicalcium phosphate, calcium carbonate, salt.
Eastern States Farmers' Exchange. Springfield, Mass.	F. 17.86	5.35	59.24	7.31	10.24	5.32	
Eastern States Starting and Broiler Ration	G. 18.50	4.00	53.00	.....	.....	5.00	Corn meal, wheat bran, wheat flour middlings, oat groats, skim milk, alfalfa leaf meal, meat scraps, fish meal, cod liver oil, dicalcium phosphate, oyster shells, salt.
Eastern States Farmers' Exchange. Springfield, Mass.	F. 20.48	6.06	56.09	8.16	9.21	3.95	
Elmore Egg Mash	G. 18.00	4.00	.....	.....	.....	8.00	Buttermilk, meat scraps, wheat flour, oats, wheat middlings, hominy feed, wheat bran, alfalfa leaf meal, calcium carbonate, salt, cod liver oil.
Elmore Milling Co., Inc. ..... Oneonta, N. Y.	F. 21.36	6.58	54.53	7.50	10.03	5.52	
Eshelman Lancaster Starting and Broiler Ration	G. 16.00	4.00	55.00	.....	.....	6.50	Corn meal, wheat bran, wheat middlings, oat meal, meat scraps, fish meal, alfalfa leaf meal, buttermilk, milk sugar feed, linseed meal, cod liver oil, salt, bone meal.
John W. Eshelman & Sons ..... Lancaster, Pa.	F. 19.84	4.55	58.60	8.58	8.43	4.71	
Eshelman Red Rose Growing Mash	G. 16.00	4.00	55.00	.....	.....	7.00	Wheat middlings, corn meal, wheat bran, meat scraps, corn gluten feed, oat meal, hominy feed, linseed meal, fish meal, buttermilk, milk sugar feed, alfalfa meal, salt.
John W. Eshelman & Sons ..... Lancaster, Pa.	F. 18.83	5.70	61.00	6.36	8.11	6.40	
Eshelman Red Rose Laying Mash..	G. 20.00	5.00	50.00	.....	.....	7.00	Wheat middlings, corn meal, meat scraps, wheat bran, corn gluten feed, oats, linseed meal, fish meal, hominy feed, alfalfa meal, milk sugar feed, buttermilk, salt.
John W. Eshelman & Sons ..... Lancaster, Pa.	F. 21.18	5.68	55.17	8.52	9.45	5.64	
Grandin's Growing Mash	G. 15.00	4.00	50.00	.....	.....	8.00	Meat scraps, buttermilk, corn gluten feed, wheat bran, wheat middlings, corn meal, corn feed meal, hominy feed, oats, alfalfa meal, bone meal, calcium carbonate, salt, cod liver oil, screenings not exceeding mill run.
D. H. Grandin Milling Co. ..... Jamestown, N. Y.	F. 17.95	5.44	54.90	13.31	8.40	6.09	

Brand and Manufacturer	Pounds in 100 lbs. of Feeding Stuffs						Certified by Manufacturer to Contain
	Protein	Fat	Carbo-hy-drates	Ash	Moist-ure	Crude Fiber	
Grandin's Laying Mash D. H. Grandin Milling Co. Jamestown, N. Y.	G. 20.00 F. 22.20	4.00 4.94	50.00 50.06	..... 13.52	..... 9.28	8.00 5.53	Fish meal, meat scraps, gluten feed, gluten meal, wheat bran, wheat middlings, corn feed meal, hominy feed, oats, buttermilk, alfalfa meal, calcium carbonate, salt, screenings not exceeding mill run.
Grandin's Laying Mash D. H. Grandin Milling Co. Jamestown, N. Y.	G. 20.00 F. 21.62	4.00 4.94	50.00 50.98	..... 13.48	..... 8.98	8.00 5.47	Fish meal, meat scraps, gluten feed, gluten meal, wheat bran, wheat middlings, corn feed meal, hominy feed, oats, buttermilk, alfalfa meal, calcium carbonate, salt, cod liver oil, screenings not exceeding mill run.
Red Comb Chick Starter Hales & Hunter Co. Chicago, Ill.	G. 15.00 F. 18.61	4.00 4.73	56.00 59.40	..... 7.64	..... 9.62	5.00 4.76	Corn, oats, wheat bran, wheat middlings, corn gluten feed, meat scraps, alfalfa leaf meal, soybean meal, dried buttermilk, calcium carbonate, rock phosphate, bone meal, charcoal, iron sulphate, sulphur, salt.
Red Comb Egg Mash Hales & Hunter Co. Chicago, Ill.	G. 18.00 F. 19.04	4.00 5.98	56.00 56.94	..... 9.25	..... 8.79	7.00 5.79	Corn feed meal, oat meal, wheat bran, wheat middlings, corn gluten feed, meat scraps, alfalfa meal, soybean meal, buttermilk, calcium carbonate, bone meal, charcoal, iron sulphate, sulphur, salt.

Red Comb Growing Mash Hales & Hunter Co. Chicago, Ill.	G. 15.00 F. 18.87	4.00 5.05	56.00 59.61	..... 7.22	..... 9.25	6.00 6.00	Corn feed meal, oat flour, wheat bran, wheat middlings, corn gluten feed, meat scraps, alfalfa meal, soybean meal, buttermilk, calcium carbonate, bone meal, charcoal, iron sulphate, sulphur, salt.
Granite State Egg Mash E. C. & W. L. Hopkins Greenfield, N. H.	G. 19.00 F. 21.36	4.00 5.04	50.00 52.45	..... 10.46	..... 10.69	4.50 4.09	Corn, wheat middlings, wheat bran, barley, meat scraps, alfalfa leaf meal, kelp, fish, calcium carbonate, salt.
Jersee Food Compound Jersee Co. Minneapolis, Minn.	G. 9.00 F. 19.47	4.50 3.38	56.00 59.72	..... 5.61	..... 11.82	6.00 2.00	Locust bean meal, corn starch, wheat red dog flour, iron oxide, calcium phosphate, anise, dried blood, skim milk, salt.
Johnson's Mash Feed Ralph P. Johnson Potter Place, N. H.	G. 19.00 F. 21.36	4.25 4.92	55.00 53.73	..... 9.54	..... 10.45	7.00 5.61	Corn meal, oats, wheat middlings, wheat bran, meat scraps, calf meal, oats, gluten feed, alfalfa meal, bone meal, salt.
All-Mash Laying Food Kasco Mills Waverly, N. Y.	G. 15.00 F. 16.37	4.00 5.51	55.00 58.01	..... 8.66	..... 11.45	6.00 5.13	Corn meal, oat meal, wheat bran, wheat middlings, wheat red dog flour, linseed meal, bone meal, fish meal, buttermilk, salt, calcium carbonate, cod liver oil, alfalfa meal, soybean meal, barley, meat scraps.
Apex Laying Mash Kasco Mills Waverly, N. Y.	G. 20.00 F. 22.20	4.00 5.56	50.00 49.84	..... 12.73	..... 9.67	8.50 6.12	Wheat bran, wheat middlings, corn meal, linseed meal, soybean meal, oats, meat scraps, bone meal, fish meal, buttermilk, milk sugar feed, calcium carbonate, cod liver oil, alfalfa meal, salt.
Kasco Poultry Flushing Mash Kasco Mills Waverly, N. Y.	G. 17.00 F. 19.35	4.00 4.57	55.00 55.26	..... 11.58	..... 9.24	5.50 3.55	Wheat red dog flour, oat meal, wheat middlings, wheat bran, corn meal, meat scraps, bone meal, linseed meal, milk sugar feed, cod liver oil, calcium carbonate, alfalfa leaf meal, salt.

Brand and Manufacturer	Pounds in 100 lbs. of Feeding Stuffs						Certified by Manufacturer to Contain
	Protein	Fat	Carbo-hy-drates	Ash	Moist-ure	Crude Fiber	
Laying Mash	G. 20.00	4.60	50.00	.....	.....	6.50	Wheat bran, wheat middlings, wheat red dog flour, corn meal, linseed meal, soybean meal, oat meal, meat scraps, bone meal, fish meal, buttermilk, calcium carbonate, cod liver oil, alfalfa meal, salt.
Kasco Mills	F. 21.35	5.64	52.48	11.25	9.28	6.24	
Waverly, N. Y.							
Larro Chick Starter	G. 16.50	4.50	58.00	.....	.....	5.00	Oat meal, corn meal, wheat middlings, skim milk, buttermilk, meat scraps, wheat bran, alfalfa meal, cod liver oil, salt, phosphated limestone.
Larrowe Milling Co.	F. 17.37	5.29	59.82	8.01	9.51	4.56	
Detroit, Mich.							
Larro Egg Mash	G. 19.00	5.00	52.50	.....	.....	7.50	Oat meal, wheat middlings, corn meal, alfalfa meal, wheat bran, meat scraps, buttermilk, skim milk, cod liver oil, phosphated limestone, salt.
Larrowe Milling Co.	F. 20.83	5.48	52.87	12.21	8.61	5.92	
Detroit, Mich.							
Larro Growing Mash	G. 16.00	4.50	56.50	.....	.....	6.50	Corn meal, oat meal, wheat bran, wheat middlings, screenings not exceeding mill run, meat scraps, buttermilk, skim milk, alfalfa meal, cod liver oil, phosphated limestone, salt.
Larrowe Milling Co.	F. 18.48	5.09	58.63	8.33	9.47	5.59	
Detroit, Mich.							
B-B All Mash Chick Starter Ration.	G. 15.00	4.00	60.00	.....	.....	6.00	Cod liver oil, milk sugar, buttermilk, alfalfa leaf meal, wheat middlings, linseed meal, corn meal, soybean meal, oat meal, meat meal, fish meal, bone meal, calcium carbonate, salt.
Maritime Milling Co.	F. 16.99	5.04	58.14	8.99	10.84	4.97	
Buffalo, N. Y.							

B-B Daisy Egg Mash Maritime Milling Co. Buffalo, N. Y.	G. 18.00 F. 19.92	3.50 5.38	..... 55.32	..... 9.45	..... 9.93	7.00 6.05	Codliver oil, buttermilk, alfalfa meal, wheat bran, wheat middlings, soybean meal, corn meal, barley, oats, meat meal, fish meal, bone meal, calcium carbonate, salt, mill run screenings.
B-B Laying Mash Maritime Milling Co. Buffalo, N. Y.	G. 20.00 F. 21.93	4.50 6.20	..... 50.45	..... 11.30	..... 10.12	7.00 5.26	Cod liver oil, buttermilk, alfalfa meal, wheat bran, wheat middlings, mill run of screenings, linseed meal, corn meal, oat meal, meat meal, fish meal, bone meal, calcium carbonate, salt, soybean meal.
Merrimack Laying Mash Merrimack Farmers' Exchange Concord, N. H.	G. 17.00 F. 18.65	4.25 4.25	50.00 55.56	..... 9.84	..... 11.70	5.00 3.94	Corn meal, wheat bran, wheat red dog flour, wheat middlings, oats, alfalfa leaf meal, milk, fish meal, meat scraps, bone meal, calcium carbonate, salt.
Merrimack Super Mash Merrimack Farmers' Exchange Concord, N. H.	G. 17.00 F. 19.48	5.00 4.69	50.00 56.78	..... 8.48	..... 10.57	5.00 3.65	Corn meal, wheat bran, wheat middlings, alfalfa leaf meal, oats, meat scraps, fish meal, bone meal, calcium carbonate, salt, milk.
New England Buttermilk Egg Mash New England Grain Co. Portland, Me.	G. 20.00 F. 21.01	4.00 4.71	50.00 52.65	..... 12.16	..... 9.47	8.50 4.62	Oats, corn, linseed meal, wheat bran, wheat middlings, gluten feed, meat scraps, alfalfa leaf meal, buttermilk, salt, cod liver oil.
Lay or Bust Dry Mash Park & Pollard Co. Boston, Mass.	G. 18.00 F. 19.92	3.00 4.52	50.00 54.10	..... 10.37	..... 11.09	7.00 5.53	Buttermilk, cod liver oil, corn, wheat, oats, barley, kaffir corn, buckwheat, alfalfa meal, fish meal, meat, bone, wheat bran, mill run screenings, wheat middlings, calcium carbonate, salt.
Pratt's Baby Chick Food Pratt Food Co. Philadelphia, Pa.	G. 16.00 F. 16.86	3.50 3.89	61.00 58.99	..... 9.42	..... 10.84	4.00 2.93	Buttermilk, corn meal, wheat middlings, oat meal, meat scraps, wheat, bone meal, millet, rape, epsom salts, alfalfa leaf meal, calcium carbonate, calcium phosphate.

Brand and Manufacturer	Pounds in 100 lbs. of Feeding Stuffs						Certified by Manufacturer to Contain
	Protein	Fat	Carbo-hy-drates	Ash	Moist-ure	Crude Fiber	
Pratt's Broiler Mash Pratt Food Co. Philadelphia, Pa.	G. 16.50 F. 20.27	4.50 4.76	58.00 53.16	..... 11.68	..... 10.13	6.00 4.12	Buttermilk, oat meal, corn meal, wheat middlings, wheat bran, alfalfa leaf meal, meat scraps, fish meal, bone meal, calcium carbonate, salt.
Pratt's Laying Mash Pratt Food Co. Philadelphia, Pa.	G. 20.00 F. 21.23	4.50 5.73	57.00 52.79	..... 10.31	..... 9.91	6.75 5.84	Buttermilk, wheat middlings, oat meal, wheat bran, corn meal, fish meal, meat scraps, linseed meal, alfalfa meal, wheat germ meal, barley, calcium carbonate, calcium phosphate, salt.
Purina All Mash Startena Chow Purina Mills St. Louis, Mo.	G. 18.00 F. 20.62	4.00 5.16	53.00 56.03	..... 8.05	..... 10.14	7.00 4.98	Buttermilk, cod liver oil, meat scraps, alfalfa leaf meal, linseed meal, corn germ meal, oat middlings, corn meal, wheat bran, wheat middlings, calcium carbonate, iodized salt.
Purina Breeder Egg Chowder Purina Mills Buffalo, N. Y.	G. 19.00 F. 21.01	3.50 5.09	55.00 53.50	..... 11.23	..... 9.17	8.00 6.41	Buttermilk, cod liver oil, alfalfa leaf meal, meat scraps, soybean meal, linseed meal, corn germ meal, wheat middlings, wheat bran, corn meal, alfalfa meal, bone meal, salt, calcium carbonate.
Purina Chick Growing Chow Purina Mills St. Louis, Mo.	G. 17.00 F. 18.95	3.50 4.81	55.00 57.36	..... 8.41	..... 10.47	7.00 5.59	Dried buttermilk, meat scraps, alfalfa leaf meal, soybean meal, corn germ meal, wheat middlings, wheat bran, alfalfa meal, corn meal, calcium carbonate, iodized salt.

Purina Lay Chow Purina Mills Buffalo, N. Y.	G. 17.00 F. 18.61	2.50 4.50	54.00 56.42	..... 9.23	..... 11.24	8.00 5.99	Cod liver oil, soybean meal, meat scraps, molasses, alfalfa meal, corn meal, wheat bran, wheat middlings, bone meal, salt, limestone.
Purina Lay Chow Purina Mills Buffalo, N. Y.	G. 17.00 F. 18.22	2.50 4.46	54.00 57.15	..... 9.15	..... 10.72	8.00 6.21	Soybean meal, meat scraps, alfalfa meal, corn meal, wheat middlings, wheat bran, bone meal, limestone, salt, molasses.
Quaker Ful-O-Pep Egg Mash Quaker Oats Co. Chicago, Ill.	G. 20.00 F. 20.00	4.00 5.72	53.00 56.31	..... 9.08	..... 8.89	8.00 6.43	Oat meal, hominy feed, barley meal, wheat bran, wheat middlings, screenings not exceeding mill run, bone meal, meat scraps, cod liver meal, fish meal, alfalfa meal, calcium carbonate, salt, molasses.
Wirthmore Complete Ration for Broilers St. Albans Grain Co. St. Albans, Vt.	G. 16.50 F. 18.34	4.00 5.22	58.00 60.18	..... 6.28	..... 9.98	4.50 4.65	Cod liver oil, corn meal, wheat bran, wheat middlings, oats, meat scraps, fish meal, alfalfa leaf meal, linseed meal, skim milk, bone meal, calcium carbonate, salt, cod liver meal.
Wirthmore Growing Feed St. Albans Grain Co. St. Albans, Vt.	G. 15.00 F. 20.14	4.50 5.13	55.00 53.89	..... 10.02	..... 10.82	6.00 5.76	Buttermilk, skim milk, beef scraps, fish meal, bone meal, corn meal, alfalfa leaf meal, linseed meal, wheat, oats, barley, milo maize, wheat bran, wheat middlings, wheat red dog flour, calcium carbonate, salt.
Wirthmore Laying Mash St. Albans Grain Co. St. Albans, Vt.	G. 20.00 F. 21.18	4.00 4.86	50.00 53.05	..... 9.96	..... 10.95	7.00 5.62	Cod liver oil, buttermilk, skim milk, beef scraps, fish meal, corn meal, alfalfa leaf meal, linseed meal, gluten feed, wheat bran, wheat middlings, oats, barley, buckwheat, milo maize, calcium carbonate, salt.

Brand and Manufacturer	Pounds in 100 lbs. of Feeding Stuffs						Certified by Manufacturer to Contain
	Protein	Fat	Carbo-hy-drates	Ash	Moist-ure	Crude Fiber	
Wirthmore Laying Mash St. Albans Grain Co. St. Albans, Vt.	G. 20.00 F. 20.53	4.00 4.56	50.00 53.14	..... 11.18	..... 10.59	7.00 5.18	Buttermilk, skim milk, beef scraps, fish meal, corn meal, alfalfa leaf meal, linseed meal, gluten feed, wheat bran, wheat middlings, oats, barley, buckwheat, milo maize, calcium carbonate, salt.
Just Right Egg Mash South End Cash Market Manchester, N. H.	G. 20.00 F. 20.44	4.00 5.48	52.00 55.38	..... 8.56	..... 10.14	8.00 6.00	Meat scraps, salt, wheat middlings, wheat bran, corn, skim milk, locust bean meal, corn starch, calcium phosphate, anise, dried blood, iron oxide, fish meal, alfalfa meal, oats.
Strafford County Mash Strafford County Grain Mill Rochester, N. H.	G. 17.00 F. 19.35	5.00 4.88	57.00 53.73	..... 13.89	..... 8.15	10.00 8.02	Wheat bran, wheat middlings, oats, corn meal, gluten feed, meat scraps, hominy, cod liver oil, molasses, milk.
Ubiko All-Mash Complete Laying Ration Ubiko Milling Co. Cincinnati, Ohio	G. 16.00 F. 17.86	3.50 4.94	56.00 58.65	..... 9.14	..... 9.41	6.00 4.88	Cod liver oil, milk sugar feed, meat scraps, alfalfa leaf meal, wheat bran, wheat middlings, oats, corn meal, corn gluten feed, linseed meal, salt, calcium carbonate, dicalcium phosphate.
Rowena Laying Mash Valley City Milling Co. Grand Rapids, Mich.	G. 19.50 F. 23.03	4.00 5.04	54.50 52.02	..... 10.35	..... 9.56	6.50 5.71	Wheat bran, oat groats, wheat middlings, meat scraps, corn meal, alfalfa meal, buttermilk, bone meal, charcoal, salt, cod liver oil.
Eventually Gold Medal Chick Ration Washburn Crosby Co. Minneapolis, Minn.	G. 17.00 F. 19.44	4.00 5.20	54.50 55.85	..... 9.63	..... 9.88	4.50 3.82	Corn meal, wheat middlings, screenings not exceeding mill run, oat groats, alfalfa meal, meat scraps, buttermilk, cod liver oil, phosphated limestone, salt.

Eventually Gold Medal Growing Mash	G.	18.00	4.00	56.00	.....	.....	6.00	Corn meal, wheat middlings, oat groats, alfalfa meal, meat scraps, buttermilk, salt, calcium phosphate.
Washburn Crosby Co.	F.	19.66	5.73	54.95	10.19	9.47	5.23	
Minneapolis, Minn.								
Gold Medal Egg Mash	G.	20.00	5.50	53.50	.....	.....	7.00	Corn meal, corn gluten feed, alfalfa meal, meat scraps, salt, wheat middlings, wheat red dog, oat groats, linseed meal, buttermilk, limestone.
Washburn Crosby Co.	F.	23.47	5.34	52.65	9.53	9.01	5.98	
Minneapolis, Minn.								
Blue Seal Improved All-Mash Ration	G.	15.00	4.50	55.00	.....	.....	4.00	Corn, oats, wheat bran, wheat middlings, meat scraps, skim milk, alfalfa leaf meal, molasses, bone meal, salt, cod liver meal.
H. K. Webster Co.	F.	18.08	4.94	59.20	7.68	10.10	4.00	
Lawrence, Mass.								
Egg Mash	G.	18.00	5.00	.....	.....	.....	7.00	Buttermilk, fish meal, oat flour, alfalfa meal, meat scraps, linseed meal, gluten feed, wheat bran, wheat middlings, corn meal, bone meal, calcium carbonate, cod liver oil, salt.
West Nesbitt, Inc.	F.	22.51	**4.65**	51.49	11.75	9.60	5.57	
Oneonta, N. Y.								
Whitney's Laying Mash	G.	17.00	4.50	55.00	.....	.....	6.00	Wheat bran, corn meal, barley, oat meal, fish meal, meat scraps, skim milk, alfalfa leaf meal, cod liver meal, salt, limestone, charcoal.
K. T. Whitney	F.	19.04	5.34	55.72	9.26	10.64	4.56	
Goffstown, N. H.								
SKIM MILK								
Buell-Boston Dried Skim Milk	G.	31.00	0.20	.....	.....	.....	.....	
C. E. Buell, Inc.	F.	36.21	0.35	51.09	8.06	4.29	.....	
Boston, Mass.								
Bison Dried Skim Milk	G.	30.00	0.50	.....	.....	.....	.....	
Consolidated Feed and Grain Co.	F.	36.29	**0.25**	51.11	8.30	4.05	.....	
Buffalo, N. Y.								
DeCreamco Brand Skim Milk Powder	G.	30.00	0.75	.....	.....	.....	.....	
Detroit Creamery Co.	F.	34.68	0.81	52.82	8.04	3.65	.....	
Detroit, Mich.								

Brand and Manufacturer	Pounds in 100 lbs. of Feeding Stuffs						Certified by Manufacturer to Contain
	Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
STOCK FEED							
Pennant Brand Stock Feed E. W. Bailey & Co. Montpelier, Vt.	G. 9.50 F. 10.41	4.00 6.65	70.00 69.85	..... 4.71	..... 8.38	9.50 10.21	Hominy, oat middlings, oat hulls, oat shorts, linseed meal, barley, salt.
Barco Stock Feed G. N. Bartemus Co. Concord, N. H.	G. 9.50 F. 12.47	4.50 6.15	70.00 67.82	..... 5.19	..... 8.37	9.50 10.16	Hominy, oat middlings, oat hulls, oat shorts, linseed meal, barley.
Concord Stock Feed G. N. Bartemus Co. Concord, N. H.	G. 7.50 F. 11.47	2.80 5.60	70.00 68.96	..... 5.90	..... 8.07	14.45 13.53	Corn meal, oat middlings, oat shorts, oat hulls, salt.
Coweco Stock Feed E. A. Cowee Co. Fitchburg, Mass.	G. 9.00 F. 9.32	4.00 4.76	45.00 71.27	..... 6.49	..... 8.16	11.00 11.80	Oats, hominy, corn meal, oat feed, calcium carbonate, salt.
Crosby's Stock Feed Crosby Milling Co. Brattleboro, Vt.	G. 9.00 F. 9.89	4.00 6.13	55.00 70.97	..... 4.46	..... 8.55	12.00 8.85	Hominy meal, oats, linseed meal, oat feed, oat shorts, oat middlings, oat hulls, salt.
Quality Stock Feed J. Cushing Co. Fitchburg, Mass.	G. 9.00 F. 11.60	3.00 3.99	50.00 71.04	..... 4.39	..... 8.98	12.00 11.43	Hominy, corn meal, barley, oat feed, red dog flour, grain screenings, salt.
Frederick Stock Feed Dietrich & Gambrill, Inc. Frederick, Md.	G. 7.50 F. 9.41	3.00 4.30	70.00 72.98	..... 3.39	..... 9.92	12.00 11.34	Corn feed meal, oats, oat middlings, oat shorts, oat hulls, salt.
Gambrill's Stock Feed Dietrich & Gambrill, Inc. Frederick, Md.	G. 10.00 F. 13.62	3.25 3.37	..... 65.91	..... 6.66	..... 10.44	12.00 11.00	Cottonseed meal, linseed meal, corn feed meal, wheat middlings, oat shorts, oat hulls, oat middlings, molasses, calcium carbonate, salt.

Grandin's Stock Food	G.	8.50	4.00	55.00	.....	.....	12.00	Corn meal, corn feed meal, hominy feed, wheat middlings, barley, oat middlings, oat hulls, oat shorts, salt, screenings not exceeding mill run.
D. H. Grandin Milling Co.	F.	10.77	5.55	69.81	4.77	9.10	11.19	
Jamestown, N. Y.								
Granite State Stock Feed	G.	9.00	5.00	60.00	.....	.....	10.00	Hominy, wheat red dog flour, oat middlings, oat hulls, oat shorts, salt.
E. C. & W. L. Hopkins	F.	10.16	5.53	71.71	4.57	8.03	9.81	
Greenfield, N. H.								
Merrimack Stock Feed	G.	9.00	4.00	55.00	.....	.....	11.00	Hominy, oat middlings, oat shorts, oat hulls, salt, calcium carbonate.
Merrimack Farmers' Exchange	F.	10.20	5.40	69.91	5.58	8.91	10.00	
Concord, N. H.								
Park and Pollard Stock Feed	G.	8.50	4.00	50.00	.....	.....	12.00	Barley, corn, oats, hominy feed, oat hulls, oat middlings, oat shorts, calcium carbonate, salt.
Park & Pollard Co.	F.	10.02	5.04	70.96	5.43	8.55	9.61	
Boston, Mass.								
Quaker Sugared Schumacher Feed	G.	10.00	3.00	70.00	.....	.....	12.00	Hominy feed, barley, cottonseed meal, linseed meal, wheat flour, wheat middlings, oat middlings, oat shorts, oat hulls, salt, limestone, bone meal, molasses.
Quaker Oats Co.	F.	11.25	3.11	70.25	6.23	9.16	11.95	
Chicago, Ill.								
Hygrade Fitting Ration or Stock Feed	G.	10.00	3.25	68.00	.....	.....	12.00	Corn meal, linseed meal, oats, barley, wheat middlings, cottonseed meal, oat middlings, oat shorts, oat hulls, salt, calcium carbonate, bone meal, molasses.
St. Albans Grain Co.	F.	12.63	4.23	66.65	6.65	9.84	10.42	
St. Albans, Vt.								
Wirthmore Stock Feed	G.	9.00	4.00	70.00	.....	.....	9.50	Barley, oats, hominy meal, corn, oat middlings, oat shorts, oat hulls, salt.
St. Albans Grain Co.	F.	10.72	5.41	71.55	3.42	8.90	9.27	
St. Albans, Vt.								
Stratton & Co.'s Stock Feed-24	G.	7.50	2.63	66.00	.....	.....	14.43	Oat middlings, oat shorts, oat hulls, corn siftings, corn meal.
Stratton & Co.	F.	7.75	3.98	73.98	3.70	10.59	12.18	
Concord, N. H.								

Brand and Manufacturer	Pounds in 100 lbs. of Feeding Stuffs						Certified by Manufacturer to Contain
	Protein	Fat	Carbo-hydrates	Ash	Moisture	Crude Fiber	
WHEAT BRAN							
Acme Pure Bran	G. 15.50	3.75	56.00	.....	.....	10.00	
Acme-Evans Co.	F. 15.65	4.32	63.00	6.63	10.40	.....	
Indianapolis, Ind.							
Sunfed Wheat Bran	G. 14.00	4.00	62.00	.....	.....	12.00	Wheat bran, screenings not exceeding
Commander Larabee Corp.	F. 17.25	4.93	60.30	6.65	10.87	.....	mill run.
Minneapolis, Minn.							
Dryco Wheat Bran with Screening	G. 14.50	3.50	54.00	.....	.....	10.00	Wheat bran, screenings not exceeding
Dreyer Commission Co.	F. 17.34	4.00	59.85	6.86	11.95	.....	mill run.
St. Louis, Mo.							
Wheat Bran	G. 14.00	2.50	50.00	.....	.....	11.00	Screenings not exceeding mill run.
B. A. Eckhart Milling Co.	F. 16.20	4.61	61.99	6.62	10.58	.....	
Chicago, Ill.							
Pure Wheat Bran	G. 14.50	3.50	60.00	.....	.....	11.00	
Gooch Milling & Elevator Co.	F. 16.42	4.63	60.40	6.91	11.64	.....	
Lincoln, Neb.							
Charm Pure Winter Wheat Bran	G. 14.00	3.50	55.00	.....	.....	11.00	
J. F. Imbs Milling Co.	F. 15.69	4.45	61.47	6.78	11.61	.....	
St. Louis, Mo.							
Winter Wheat Bran	G. 15.00	3.50	57.00	.....	.....	10.00	Wheat bran, screenings.
Larabee Flour Mills Co.	F. 16.77	4.46	61.02	6.99	10.76	.....	
Kansas City, Mo.							

Snowflake Bran	G.	14.50	3.50	60.00	.....	.....	10.00	
Lawrenceburg Roller Mills Co.	F.	15.50	3.79	63.82	6.10	10.79	.....	
Lawrenceburg, Ind.								
Mapleleaf Pure Wheat Bran	G.	15.00	3.50	50.00	.....	.....	11.50	
Maple Leaf Milling Co., Ltd.	F.	16.24	5.01	62.36	5.92	10.47	.....	
Toronto, Canada								
Pure Wheat Bran	G.	14.00	3.00	49.00	.....	.....	10.00	
National Milling Co.	F.	16.28	4.43	62.89	6.55	9.85	.....	
Toledo, Ohio								
Pure Wheat Bran	G.	14.00	4.00	62.00	.....	.....	12.00	
Northwestern Consolidated Milling Co., Inc.	F.	18.31	4.62	59.47	6.33	11.27	.....	
Minneapolis, Minn.								
Pillsbury's Hard Wheat Bran	G.	14.50	4.00	63.00	.....	.....	12.00	Wheat bran, wheat screenings not ex-
Pillsbury Flour Mills Co.	F.	17.12	4.39	61.66	5.87	10.96	.....	ceeding mill run.
Minneapolis, Minn.								
Occident Bran	G.	14.00	4.00	61.50	.....	.....	11.50	
Russell-Miller Milling Co.	F.	18.65	5.14	59.77	5.89	10.55	.....	
Minneapolis, Minn.								
Kay A Pure Wheat Bran	G.	14.00	4.00	62.00	.....	.....	12.00	
Sands, Taylor & Wood Co.	F.	18.13	4.51	59.66	6.22	11.48	.....	
Boston, Mass.								
Spiller's Wheat Bran	G.	15.00	3.50	.....	.....	.....	11.50	
Spiller's Canadian Milling Co.	F.	16.46	5.21	61.80	5.21	11.32	.....	
Calgary, Canada								
Spring Wheat Bran and Wheat Screenings	G.	14.00	4.00	63.00	.....	.....	12.50	Wheat bran, screenings not exceeding
David Stott Flour Mills, Inc.	F.	15.50	4.00	64.27	6.01	10.22	.....	mill run.
Detroit, Mich.								

Brand and Manufacturer		Pounds in 100 lbs. of Feeding Stuffs						Certified by Manufacturer to Contain
		Protein	Fat	Carbo-hy-drates	Ash	Moist-ure	Crude Fiber	
K-Y Wheat Bran and Screenings...	G.	14.50	3.50	58.00	.....	.....	11.00	
Topeka Flour Mills Corp	F.	16.20	4.15	61.21	7.27	11.17	.....	
Topeka, Kan.								
U. M. C. Wheat Bran	G.	15.00	4.00	50.00	.....	.....	10.00	
United Mills Company, Inc.	F.	15.15	**3.70**	65.23	6.54	9.38	.....	
Grafton, Ohio								
Rowena Wheat Bran	G.	13.00	4.00	62.90	.....	.....	10.90	
Valley City Milling Co.	F.	15.59	4.56	63.68	6.25	9.92	.....	
Grand Rapids, Mich.								
Gold Medal Hard Wheat Bran.....	G.	14.00	4.00	63.00	.....	.....	12.00	Wheat bran, mill run screenings.
Washburn Crosby General Mills...	F.	15.16	4.29	62.15	6.68	11.12	.....	
Minneapolis, Minn.								
Wheat Bran and Wheat Screenings	G.	14.50	3.50	58.00	.....	.....	11.00	
Western Star Mill Co.	F.	15.54	4.01	62.65	6.84	10.96	.....	
Salina, Kan.								
WHEAT MIDDLINGS								
Sunfed Wheat Flour Middlings....	G.	16.00	4.00	63.00	.....	.....	6.00	Screenings not exceeding mill run.
Commander Larabee Corp	F.	20.66	5.34	58.46	4.15	11.39	.....	
Minneapolis, Minn.								
Lucky Hard Wheat Middlings.....	G.	15.00	4.50	56.00	.....	.....	9.50	Screenings not exceeding mill run.
Federal Mill, Inc.	F.	18.12	4.99	61.05	4.01	11.83	.....	
Lockport, N. Y.								

Big B Wheat Middlings	G. 15.00	4.50	.....	.....	.....	9.00	Screenings not exceeding mill run.
Moseley & Motley Milling Co. Rochester, N. Y.	F. 19.31	5.67	61.20	4.42	9.40	.....	
Namico	G. 15.00	3.50	49.00	.....	.....	9.00	Wheat middlings, screenings not exceeding mill run.
National Milling Co. Toledo, Ohio	F. 16.81	4.46	65.21	3.91	9.61	.....	
Palmo Midds	G. 16.00	7.00	.....	.....	.....	9.00	Wheat middlings, screenings not exceeding mill run, palm oil.
Newsome Feed & Grain Co. Pittsburgh, Pa.	F. 16.07	11.36	61.65	5.09	5.83	5.69	
Pennant Wheat Middlings	G. 15.00	4.00	63.70	.....	.....	9.00	Wheat middlings, screenings not exceeding mill run.
David Stott Flour Mills, Inc. Detroit, Mich.	F. 17.55	4.04	63.76	4.35	10.30	.....	
Stratton & Co.'s Fancy Fine White Middlings	G. 14.00	4.26	66.00	.....	.....	6.50	
Stratton & Co. Concord, N. H.	F. 15.41	**3.68**	67.41	2.65	10.82	.....	
Rowena Wheat Middlings	G. 13.75	4.00	67.00	.....	.....	6.00	Screenings not exceeding mill run.
Valley City Milling Co. Grand Rapids, Mich.	F. 16.11	4.99	65.59	3.52	9.79	.....	
WHEAT MIXED FEED							
Brooks' Fancy Mixed Feed	G. 15.00	4.00	62.00	.....	.....	8.00	Wheat bran, low grade flour.
Caledonia Mills, Inc. St. Johnsbury, Vt.	F. 16.37	3.80	65.30	4.14	10.39	.....	
Planet Feed	G. 15.00	4.00	63.00	.....	.....	8.00	Wheat bran, red dog wheat flour.
Northwestern Consolidated Milling Co. Minneapolis, Minn.	F. 18.78	4.40	61.25	4.54	11.03	.....	

Brand and Manufacturer		Pounds in 100 lbs. of Feeding Stuffs						Certified by Manufacturer to Contain
		Protein	Fat	Carbo-hy-drates	Ash	Moist-ure	Crude Fiber	
Heavy Wheat Mixed Feed	G.	15.50	3.25	.....	.....	.....	8.00	Wheat bran, flour middlings.
Park & Pollard Co.	F.	19.00	4.81	61.12	4.09	10.98	.....	
Boston, Mass.								
Pillsbury's Fancy Mixed Feed and Screenings	G.	15.00	4.00	63.50	.....	.....	8.50	Wheat red dog, wheat bran, screenings not exceeding mill run.
Pillsbury Flour Mills Co.	F.	17.86	4.57	62.73	4.18	10.36	.....	
Minneapolis, Minn.								
WHEAT RED DOG FLOUR								
Blackhawk Wheat Red Dog.....	G.	16.00	3.50	64.00	.....	.....	4.00	
International Milling Co.	F.	17.08	3.29	64.79	2.60	12.24	.....	
Minneapolis, Minn.								
WHEAT SHORTS								
Superior Wheat Shorts	G.	17.00	5.00	60.00	.....	.....	8.00	
Robin Hood Mills, Ltd.	F.	18.48	6.12	60.96	4.57	9.87	.....	
Moose Jaw, Canada								